

Message

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**From:** sames@tradewind.aero [sames@tradewind.aero]  
**Sent:** 11/18/2013 4:39:14 PM  
**To:** Rizvi, Rabiah [Rabiah\_Rizvi@golder.com]  
**CC:** Henderson, Vimy [vimy\_henderson@golder.com]; mhogarth@tradewind.aero  
**Subject:** RE: Hamilton Area Highway Friction Testing

Rabiah,

Thanks for the e-mail. Michael Hogarth will be carrying out this testing and he can be reached at 613-799-0351. As I mentioned in my earlier e-mail we would like to start the testing as early on Wednesday morning as possible as the days are much shorter now! I was aware that the testing was on a highway but didn't know about the additional crosswalks. Len will charge for this additional testing of the crosswalks on the final invoice.

BTW; Wed is November 20th

Regards,

Susan

Susan Ames  
Office Manager  
Tradewind Scientific Ltd.  
Ottawa, Canada  
613-238-1246

> Hi Susan,

>  
> We have received confirmation from our client that they are okay with  
> testing being carried out on Wednesday (November 18, 2013) for the price  
> provided below in the email by Leonard. I also wanted to confirm that you  
> were aware that the testing is to be carried out on the highway (Red Hill  
> Valley Parkway) as well as some additional crosswalks (someone from our  
> office will be on site during the testing to let your tech know where the  
> testing is required to be carried out).

>  
> When invoicing the work could you please reference the Project Number  
> 13-1184-0026(4000) and send to Vimy Henderson's attention.

>  
> We are arranging the water supply and the traffic control and will let you  
> know as soon as they are arranged. Also, we will confirm with you tomorrow  
> regarding where we will meet with your tech on Wednesday morning.

>  
> Please let me know if you have any more questions or require additional  
> information.

> Regards,

> Rabiah

>  
> \_\_\_\_\_  
> Rabiah Rizvi (B.A.Sc.) | Pavement and Materials Engineering Analyst |  
> Golder Associates Ltd.  
> 6925 Century Avenue, Suite #100, Mississauga, Ontario, Canada L5N 7K2  
> T: +1 (905) 567 4444 | D: +1 (905) 567 6100 Ext. 2310 | F: +1 (905) 567  
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> Rabiah\_Rizvi@golder.com<mailto:Rabiah\_Rizvi@golder.com> |  
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> Work Safe, Home Safe

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> From: Susan Ames [mailto:sames@tradewind.aero]  
> Sent: Monday, November 18, 2013 11:12 AM  
> To: Rizvi, Rabiah  
> Cc: Henderson, Vimy; mhogarth@tradewind.aero  
> Subject: Re: Hamilton Area Highway Friction Testing  
> Importance: High  
>  
> Rabiah,  
>  
> Wednesday at this point looks like the day as we have other work that we  
> need to get done on Thursday and Friday. Our Tech would prefer to begin  
> the testing early morning so please advise regarding the location etc.  
> Also, he will need access to water and also a garden hose needs to be  
> available to him.  
>  
> Thanks,  
>  
> Regards,  
>  
> Susan  
>  
>  
> Susan Ames  
> Office Manager  
>  
> Tradewind Scientific Ltd.  
>  
> Ottawa, Canada  
>  
> 613.238.1246  
>  
> On 2013-11-18 10:58 AM, Rizvi, Rabiah wrote:  
> Hi Susan,  
>  
> I got the email and I will discuss with Vimy regarding the project number  
> to reference on the invoice. I will arrange for the traffic control and  
> will send the information to you when I receive confirmation from them.  
>  
> Since the weather at this point only looks like it is going to cooperate  
> till Wednesday, could we please schedule for then. However, if the rain  
> holds off till later then we would prefer the testing to be pushed to  
> Thursday or Friday.  
>  
> Thank you for sending me the information.  
>  
> Regards,  
>  
> Rabiah  
>  
>  
> Rabiah Rizvi (B.A.Sc.) | Pavement and Materials Engineering Analyst |  
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> From: Susan Ames [mailto:sames@tradewind.aero]  
> Sent: Monday, November 18, 2013 10:51 AM  
> To: Rizvi, Rabiah  
> Subject: Fwd: Hamilton Area Highway Friction Testing  
> Importance: High  
>  
> Rabiah,  
>

> As discussed!  
>  
> regards,  
>  
> Susan  
>  
>  
>  
> Susan Ames  
> Office Manager  
> Tradewind Scientific Ltd.  
> Ottawa, Canada  
> 613.238.1246  
>  
>  
> ----- Original Message -----  
> Subject:  
>  
> Hamilton Area Highway Friction Testing  
>  
> Date:  
> Sun, 17 Nov 2013 23:09:20 -0500  
>  
> From:  
> Leonard Taylor <ltaylor@tradewind.aero><mailto:ltaylor@tradewind.aero>  
>  
> To:  
> vhenderson@golder.com<mailto:vhenderson@golder.com>,  
> vimy\_henderson@golder.com<mailto:vimy\_henderson@golder.com>  
>  
> CC:  
> Michael Hogarth <mhogarth@tradewind.aero><mailto:mhogarth@tradewind.aero>,  
> Susan Ames <sames@tradewind.aero><mailto:sames@tradewind.aero>  
>  
>  
> Hello Vimy,  
>  
>  
> This is in follow up to your recent communications with Susan, Michael  
> and myself regarding Highway Friction Testing on sections of urban  
> highway for the City of Hamilton.  
>  
>  
> We are now in a position to offer the requested testing services on a  
> priority basis during the week of November 18. Currently it looks as if  
> our schedule and the weather will permit the work to be done within the  
> Tuesday-Thursday period.  
>  
>  
> Based on testing in the outer wheel track of the four lanes of the urban  
> highway section, with each test run 19 km in length (two lanes each  
> direction), the cost for this work would be calculated as:  
>  
>  
> 1) Fixed cost for provision of specialized GripTester equipment, tow  
> vehicle, operator, data collection and analysis \$ 3210  
>  
> 2) Mobilization, preparation and calibration of test equipment,  
> dedicated return Ottawa-Hamilton-Ottawa travel \$ 750  
>

> 3) Standby/weather/access delay (if any) \$95/hr

> The standard GripTester Test Speed for Highway surveys (in order to  
> allow direct comparison with established UK Highway Reference Levels) is  
> 50 kph.

> Therefore an escort vehicle will need to be arranged by your company to  
> help ensure safe test conditions.

> Also, access to a water source to fill the 500 litre flexible water tank  
> carried by our tow vehicle will be required.

> Please let us know if you require any further information or  
> clarification.

> Best regards,

> Leonard

> --

> Leonard Taylor

> President & CEO

> Tradewind Scientific Ltd.

> [www.tradewind.aero](http://www.tradewind.aero)<<http://www.tradewind.aero>>

> 1.613.238.1246

> Hi

> Our client, City of Hamilton has requested that friction testing be  
> carried out on their urban highways as well as a few small locations in  
> the City. Is anyone available to discuss this tomorrow? The City is  
> looking to have this testing done this year - is this feasible?

> I can be reached on my cell at 519 661 7332

> Thank you

> Vimy

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> Vimy Henderson (Ph.D.) | Pavement and Materials Engineering | Golder  
> Associates Ltd.

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