



February 21, 2017

Robert D. Gibbons Ph.D.  
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Dear Robert,

I am delighted to have the opportunity to continue our work together on the further development of the CAT-MH through the proposed project "Synthesis Methodology with Surrogate Information on Suicide-Related Behavior." Using CAT-MH's Suicide Scale to improve the prediction of suicide related behavior is something that we are eager to work on. Further refinement of the test through differential item functionality for specific subpopulations in order to make better predictions would enhance its application in this important field.

With our successes on earlier work and our experience with the application we are uniquely able to provide the programming and IT support required for the proposed grant application. Our consulting rate for the project would be \$100/hour for the 600 hours of effort needed for year 1 and the 500 hours for years 2 through 5 of the project

The cloud version of application will reside on a secured, scalable network located in the US and all communication between it and the client (computer, notebook, tablet or mobile device) will be using an encrypted transport layer (Secure Sockets Layer; SSL) for privacy and message integrity. The SSL layer is in addition to any encryption provided by an access point for wireless communication.

The collected data will be stored in an encrypted database with encoded identifiers that are free of any identifying human subject information. The database, along with the web application, will reside behind a secure firewall also located in the US. The database will only be accessed by the web application and will not be 'exposed' to the web at all. No data will be stored on the client.

We look forward to our continued work with you and your distinguished colleagues.

Sincerely,

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Dave Patterson  
President  
Discerning Systems Inc.