Hydrology and Environment
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Attention: to whom it may concern

Re: Commercial offer of "Hydrology and Environment"

"Hydrology and Environment" is an Ontario-based company founded in 2001, hereby is offering services based on a novel model developed by Rimma Vedom, Ph.D. in Hydrology.

Rimma Vedom graduated from the State Hydrometeorological Institute of Russia in St. Petersburg in 1976, and made her PhD in hydrology in 1995. During the 1983-98 periods she was responsible for optimization of the integrated monitoring network of Estonia, upgrading it from the manual to automatic data acquisition, processing and analyzing as well as preparing the real-time datasets for hydrological forecast and the water resources qualitative and quantitative assessments.

Novelty of the company's approach consists of the Structural Harmony Chart of Hydrosphere (SHC) that is the only technical solution for the synchronized structure of the hydrosphere spacetime performing its entirety and uniqueness. Under the hydrosphere spacetime it is meant the synchronized state of atmospheric, criospheric, biospheric, surface, and geo-spherical waters in gaseous, liquid and solid phases at particular space (spot, watershed, territory) and particular time (instant, hour, day, month, year, and a period). SHC proposed by R. Vedom as the governing principle for monitoring spatial (network) and temporal (program) settings allows dramatically improve the monitoring, modeling and assessment efficiency in cost-effective manner.

The following services can be fully customized and accomplished by the company with high quality and in timely manner:

1. Evaluation and optimization of the existing monitoring network and programs for the Integrated Watershed Management at any area of interest based on existing data for the 2000-2005 period:

"Estimation of the local water resources qualitative and quantitative structure, their spatial and temporal distribution within an examined area, their sources, current state and trends using the original Separated Flux Analysis, Separated Flow Approach Model and the Equilibrium Water Balance Model, all enhanced by SHC; evaluation of existing monitoring spatial and temporal settings for this task concentrating on uncertainties caused by inconsistencies of the monitoring spatial and temporal settings for this task.
Main Objective: to optimize the monitoring spatial and temporal settings in cost-effective manner and to estimate more possibilities to sustain the resources
Value Proposition: to improve the overall performance of the assessment works and on this basis to save the required time and resources

2. To maximize the public involvement in the monitoring, assessment and improvement of the local water resources:

Community based presentation of the philosophical concept of natural systems stability and sustainability through their structural and functional harmony and realization of the concept in our professional practices and community daily activities; presentation of interim results for the area on regular basis pointing at the particular spatial and temporal spots of concerns and inconsistencies caused by lack of knowledge, resources, control etc., in order to stress the importance of community involvement in conservation and sustainable development process.
Main Objective: to educate and involve the local community in the process of conservation and control of local resources based on the personal knowledge and need for wellbeing
Value Proposition: to improve the efficiency of conservation and sustainability of natural resources activating the personal need for wellbeing based on obtained knowledge

The company would be delighted to evaluate a scope of the specific works and provide detailed plan of its accomplishment and proposed contract costs. Preliminary meeting and discussions of your needs are free and can be held at any time convenient to you. The high quality works specifically tailored for your specific needs and requirements are guaranteed.

Thank you for your attention.
For the additional information and preliminary conversation please contact Rimma Vedom by e-mail rimma@hydrology.ca or phone 905 823 6088; www.hydrology.ca

Best Regards,
Rimma Vedom, Director