To whom it may concern – re: Letter of Support for Engage Proposal :

Ericsson Ottawa R&D enthusiastically supports and agrees to this Engage proposal.

At Ericsson Ottawa we see a priority and strong opportunity to mine our extensive software integration / test log and other software development data. While we have are many skilled Engineers, none are directly trained in both mining of software repositories and have the background required for the modelling and analysis aspects of this project. After hiring one of Dr. Rigby’s masters students, we realized that there may be a potential to collaborate with Dr. Rigby to develop a mining infrastructure to improve our development environment. Dr. Rigby’s team has mined and modelled similar data, however, extensive test logs and other data will be new and exciting opportunities. We hope that the outcome of this research will improve the efficiency with which we find and remove faults.

Benefit to Canada: Many of the approximately 1000 engineers employed at Ericsson Ottawa will benefit from improved fault isolation and faster test runs. Ongoing enhancements to these tools will provide future and ongoing opportunities to the Ericsson-Canada staff and projects.

Contribution to the direct costs of the research :

2-4 engineers from Ericsson Ottawa, plus McKenna will contribute to this project. We will help the researchers identify measures and evaluate the effectiveness of the proposed models in Ericsson context.

Over the six month period of the grant, we expect the teams to contribute the following:

Griffiths’s team: 300 hours approximately $15,000

Anticipated interaction of Ericsson’s personnel with researchers from Concordia University :

We are excited to interact with Dr. Rigby and his team and hope that the collaboration will be mutually beneficial. Rigby’s students will be exposed to real-world problems and be exposed to Ericsson development environment.

Ericsson has not received any public funds related to this grant. Ericsson has extensive multi-billion dollar R&D programs. For this Engage grant, there is no direct cash contribution. However, if this collaboration is successful, we will support a MITACS application.

Sincerely,

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