

April 18, 2019

Dr. V. Nagarajan, President
RNET Technologies, Inc.
240 West Elmwood Drive
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Dr. Nagarajan:

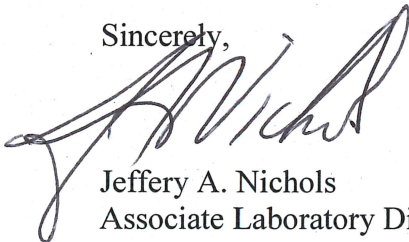
Letter of Support for ORNL Personnel to Participate in Project: VnV: A Self Documenting Testing Framework for In-situ Verification and Validation in High Performance Computing Applications

This is to confirm Oak Ridge National Laboratory research scientist, Dr. Gregory Watson, will participate in the proposed project, "VnV: A Self Documenting Testing Framework for In-situ Verification and Validation in High Performance Computing Applications," in response to DOE SBIR-STTR FY 2019 Phase II Release 2 Funding Opportunity Announcement DE-FOA 0001976.

Pending award and all required DOE approvals for this project, Dr. Watson will provide expertise and software development support for large scale distributed tests, a type safe injection point system using LLVM, and a lightweight distributed test execution framework. Dr. Watson will also provide expertise and software development support for integrating job parallelism features of the Eclipse Parallel Tools Platform.

Dr. Watson will commit 1,393 hours during the period of performance; budget table provided on page 2. If you need further information, please do not hesitate to contact me at 865-574-6224 or nicholsja@ornl.gov.

Sincerely,



Jeffery A. Nichols
Associate Laboratory Director
Computing and Computational Sciences

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Dr. V. Nagarajan, President

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VnV: A Self Documenting Testing Framework for In-situ Verification and Validation in High Performance Computing Applications,” in response to DOE SBIR-STTR FY 2019 Phase II Release 2 Funding Opportunity Announcement DE-FOA 0001976.

Estimated Budget by Fiscal Year				
Category	FY 2019	FY 2020	FY 2021	Total
Labor	\$14,099	\$123,913	\$109,592	\$247,604
Travel	\$243	\$2,057	\$1,812	\$4,112
Overhead	\$5,598	\$49,186	\$43,501	\$98,285
Subtotal	\$19,940	\$175,156	\$154,904	\$350,000
Grand Total	\$19,940	\$175,156	\$154,904	\$350,000
LDRD	\$798	\$7,006	\$6,196	\$14,000