From: Miller, Carl A. (Fed)
To: Peralta, Rene C. (Fed)

**Subject:** Re: Input request: FY13 Randomness IMS - final report due 9/15

Date: Wednesday, August 30, 2017 5:34:06 PM

Hi Rene -

Thanks for forwarding – are there parts that I could help with? I have stuff that could be said about the future of the project (including the incorporation of quantum sources). What I would write may depend on how far in the future they expect us to look. (I'll be at NIST on Friday BTW.)

\_\_\_\_

Carl A. Miller
Mathematician, Computer Security Division
National Institute of Standards and Technology
Gaithersburg, MD

From: "Peralta, Rene (Fed)" < rene.peralta@nist.gov>
Date: Wednesday, August 30, 2017 at 11:51 AM
To: "Miller, Carl A. (Fed)" < carl.miller@nist.gov>

**Subject:** Fw: Input request: FY13 Randomness IMS - final report due 9/15

**From:** Peralta, Rene (Fed)

Sent: Wednesday, August 30, 2017 11:50 AM

**To:** Bienfang, Joshua C. (Fed); Bassham, Lawrence E (Fed); Bierhorst, Peter L. (Assoc); Booth, Harold (Fed); Gerrits, Thomas (Fed); Glancy, Scott (Fed); Iorga, Michaela (Fed); Jordan, Stephen P (Fed); Kelsey, John M. (Fed); Knill, Emanuel H. (Fed); Krister Shalm; Shalm, Krister (Assoc); Kuo, Paulina (Fed); Liu, Yi-Kai (Fed); Migdall, Alan L. Dr. (Fed); Mink, Alan (Assoc); Mirin, Richard (Fed); Nam, Sae Woo (Fed); Rukhin, Andrew L (Fed); Stevens, Marty (Fed); Tang, Xiao (Fed)

**Cc:** Regenscheid, Andrew (Fed); Scholl, Matthew (Fed); Peralta, Rene (Fed) **Subject:** Re: Input request: FY13 Randomness IMS - final report due 9/15

Attached is my first stab. I will ask my betters at CSD to clear the language regarding the future of the project.

Regard	s, R	len	e.

**From:** Bienfang, Joshua C. (Fed)

Sent: Wednesday, August 30, 2017 11:20 AM

**To:** Bassham, Lawrence E (Fed); Bienfang, Joshua C. (Fed); Bierhorst, Peter L. (Assoc); Booth, Harold (Fed); Gerrits, Thomas (Fed); Glancy, Scott (Fed); Iorga, Michaela (Fed); Jordan, Stephen P (Fed); Kelsey, John M. (Fed); Knill, Emanuel H. (Fed); Krister Shalm; Shalm, Krister (Assoc); Kuo, Paulina (Fed); Liu, Yi-Kai (Fed); Migdall, Alan L. Dr. (Fed); Mink, Alan (Assoc); Mirin, Richard (Fed); Nam, Sae Woo (Fed); Peralta, Rene (Fed); Rukhin, Andrew L (Fed); Stevens, Marty (Fed); Tang, Xiao (Fed) **Subject:** Input request: FY13 Randomness IMS - final report due 9/15

Dear all,

This is an email blast to nearly everyone who's been associated with our FY13 IMS program "Quantum Randomness as a Secure Resource." Please be aware when replying.

A summary report is due on September  $15^{th}$ . I will compile this 4 page document (Rene will be travelling that week).

I'm writing to ask you to review the attached "FY13 IMS Final Review Guidelines," I'll need help with the second two bullets. Please confer with your local team members and send me a few sentences that describe your significant <u>outputs</u>, <u>outcomes</u>, and <u>future plans and visions</u>. I will try to handle the first bullet and send a draft around, but you are welcome to weigh in on that too. For reference, the original proposal from 2012 is attached.

Please try to send me something by the end of next week, the sooner the better. I'll turn around a draft for review before the deadline.

Thanks, Josh

**From:** Szakal, Christopher (Fed)

**Sent:** Tuesday, August 22, 2017 2:04 PM

**To:** Peralta, Rene (Fed) <rene.peralta@nist.gov>; Bienfang, Joshua C. (Fed)

<joshua.bienfang@nist.gov>

**Subject:** Final Review for FY2013 IMS Projects

Dear Rene and Joshua,

On behalf of the NIST Associate Director for Laboratory Programs (ADLP) and the Program Coordination Office (PCO), I am writing to inform you of the process for FINAL reviews of FY 2013 IMS projects. The reviews will include a written summary of the entire project funding period, with guidelines for the written summary attached. The report should have an emphasis on evaluating progress towards achieving the original proposal milestones. A copy of the original proposal as funded and approved is attached.

The written project summary will be due September 15, 2017.

If you have any questions, please do not hesitate to contact me at <a href="mailto:cszakal@nist.gov">cszakal@nist.gov</a>.

Best Regards, Christopher

Dr. Christopher Szakal
Research Chemist
Materials Measurement Science Division
National Institute of Standards and Technology
100 Bureau Drive
Gaithersburg, MD 20899-8371
(301)-975-3816
cszakal@nist.gov