

From: [Chen, Lily \(Fed\)](#)
To: [Clark, Carol A \(Fed\)](#)
Subject: RE: University of South Florida - Project description - Tools for the Standardization of Post-Quantum Cryptography
Date: Tuesday, April 25, 2017 3:20:00 PM

Hi, Carol:

Here is what I come up with for the University of South Florida application.

“For the standardization of Post-Quantum Cryptography, it is important to provide guidance on parameter and key size selection based on each required security strength level to against classical attacks and quantum attacks. The proposed research is to provide precise estimates based on the size of keys and other parameters. The research will investigate the quantum algorithms on different problems to understand the quantum security strength. The output of the research will be valuable references for NIST ongoing Post-Quantum Cryptography Standardization project.”

Lily

From: Clark, Carol A (Fed)
Sent: Thursday, April 20, 2017 2:02 PM
To: Chen, Lily (Fed) <lily.chen@nist.gov>
Subject: RE: University of South Florida - Project description - Tools for the Standardization of Post-Quantum Cryptography

Hi Lily,

The application is still available on SharePoint, and you still have access:

[https://share.nist.gov/sites/ITL/ITL Grants Mgmt](https://share.nist.gov/sites/ITL/ITL%20Grants%20Mgmt) – Grant # 12349167

Will that approach work for you?

I appreciate your assistance. We are trying to be pro-active based on recent experiences and guidance provided.

Thank you!!

Carol

From: Chen, Lily (Fed)
Sent: Thursday, April 20, 2017 1:52 PM
To: Clark, Carol A (Fed) <carol.clark@nist.gov>

Subject: Re: University of South Florida - Project description - Tools for the Standardization of Post-Quantum Cryptography

Hi, Carol:

I am out of office now and not sure if I can access the original application. If you can send me a copy, I will do it today. Otherwise, I will do it next week. Hope it will not be too late.

Thanks,

Lily

From: Clark, Carol A (Fed)

Sent: Thursday, April 20, 2017 12:41:23 PM

To: Chen, Lily (Fed)

Subject: University of South Florida - Project description - Tools for the Standardization of Post-Quantum Cryptography

Hi Lily,

We are completing the final steps before we can send the University of South Florida application forward for the Grants Office to begin their review. The grant module (GMIS) includes a field for a project description. We have been told this is a field that is being more closely reviewed. Could you please provide a short high level description of the project. I am looking for just a few sentences. This will assist the Grant staff and the congressional affairs staff understand the project/proposal.

Please let me know if you have any questions.

Thank you.

Carol Clark

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