

Behnam Ghaffari

From: Zhang, Hongwei [E CPE] <hongwei@iastate.edu>
Sent: Monday, September 18, 2017 7:17 PM
To: Behnam Ghaffari
Subject: Re: FCC File No. 0074-EX-PN-2017

Dear Ben,

Thanks a lot for the note and suggestion.

I have revised the "location specification" on the FCC application site. The nature of the NSF PAWR program (see <https://www.advancedwireless.org> and https://us-ignite-org.s3.amazonaws.com/static/pdf/PAWR_RFP-Reference-Guide_4.18.17.pdf) is to deploy advanced wireless infrastructures across university campuses and collaborating communities and cities. In this specific application, Iowa State University (ISU) is collaborating with the City of Ames, City of Nevada, and Story County in the wireless deployment; the ISU-led team owns and controls the area specified in the application, which include the ISU campus, City of Ames, City of Nevada, and part of Story County, and the ISU-led team will make sure any experiment using the license will not cause interference to any other existing services.

Besides the City of Ames, City of Nevada, and Story County, ISU is also collaborating with the City of Des Moines and Drake University (in Des Moines) in deploying wireless infrastructures in Des Moines. Similarly, the ISU-led team owns and controls the area of Des Moines the wireless network will cover. So I wonder if I may submit a separate application for a Program License for the Des Moines part of the deployment?

Your advice and support will be great appreciated.

Thanks a lot and best,

Hongwei

From: Behnam Ghaffari <Behnam.Ghaffari@fcc.gov>
Date: Wednesday, September 6, 2017 at 12:56 PM
To: "hongwei@iastate.edu" <hongwei@iastate.edu>
Subject: RE: FCC File No. 0074-EX-PN-2017

Hello Hongwei,

Sorry for delay response.

In accordance with our experimental rules for program applications, the area of operation must be owned and in control of the applicants.

What you have described below is well outside of the Iowa State University ownership and cannot be considered for an experimental license.

Additionally, you can only apply for one location at a time. Based on our rules, our system does allow filing for multiple locations on one application.

I would strongly recommend to read CFR 47 Part 5, Subpart E for further explanation of the rules.

<https://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&SID=d0682d11054f4998735216abb90d1d67&rgn=div5&view=text&node=47:1.0.1.1.6&idno=47>

Regards,
Ben

From: Zhang, Hongwei [E CPE] [mailto:hongwei@iastate.edu]
Sent: Tuesday, August 22, 2017 2:52 PM
To: Behnam Ghaffari <Behnam.Ghaffari@fcc.gov>
Subject: RE: FCC File No. 0074-EX-PN-2017

Dear Behnam,

Thanks a lot for your feedback and your effort examining our application.

Our planned NSF Platform for Advanced Wireless Research (PAWR) project involves deploying advanced wireless research networks on Iowa State University campus (which is in the center of City of Ames), City of Ames, City of Nevada, Story County, and City of Des Moines, Iowa. Therefore, I have drawn in our application a map to cover the aforementioned university campus and cities. Iowa State University and the three cities will be able to control the operation of the wireless networks in the mentioned areas.

On a related note: I noticed during the application that we could not draw discrete areas. Thus the map drawn is an integrated one.

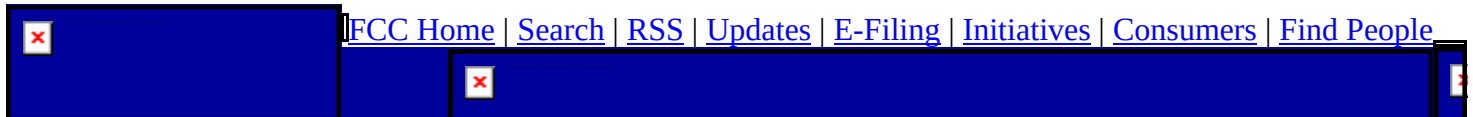
If you may have any questions, please feel free to let me know.

Thanks again and best,

Hongwei

<http://www.ece.iastate.edu/~hongwei/>

From: oetech@fccsun27w.fcc.gov [mailto:oetech@fccsun27w.fcc.gov]
Sent: Monday, August 21, 2017 2:16 PM
To: Zhang, Hongwei [E CPE] <hongwei@iastate.edu>
Subject: FCC File No. 0074-EX-PN-2017



Office of Engineering and Technology



To:

Hongwei Zhang, Iowa State University

hongwei@iastate.edu

Behnam Ghaffari

From:

Behnam.Ghaffari@fcc.gov

Iowa State University

Applicant:

0074-EX-PN-2017

File Number:

38514

Correspondence Reference Number:

08/21/2017

Date of Original Email:

Is the entire proposed area owned by Iowa State University? If not, please correct the map and draw the area(s) that are owned and in control of Iowa State University.