

From: Ozgur Ozdemir

To: Nimesh Sangani

Date: November 08, 2019

Subject: Additional Information Request

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Message:

1) Please provide a detailed narrative of your experiment.

We have been awarded a project from NSF where we will be developing the 3rd PAWR platform named AERPAW.

For detailed information on PAWR please check <https://advancedwireless.org>.

AERPAW is highlighted on <https://advancedwireless.org/research-triangle/>. In the link, the locations of three towers that we plan to develop in the first year of the project are shown on the map.

As part of AERPAW we are planning to obtain an innovation zone license. However, as it may take time to obtain the innovation zone license we are applying for this license for developing the project.

We will initially be conducting short-range experiments, in the lab and possibly outdoor later.

We will potentially be conducting experiments between the two close towers in the map, and between the third tower and mobile nodes. Mobile nodes will be used on different ground locations, possibly on slowly moving ground vehicles and small UAVs flying at 60 feet max height.

We will basically be testing 4G and 5G waveforms using srsLTE and Open Air Interface (OAI) as well as other waveforms such as OFDM or unmodulated tones.

2) Please change the Applicant Information Name: from your name to the name of the University

I will change the Application Name to NCSU.

3) You can file for experimental while you wait for the PAWR innovation zone license but please remember that you will need file for a program license in future for that.

We will file a program license for the innovation zone.