



Student Technology Fee Committee (STFC) Annual Allocation Request

ALLOCATION REQUEST DATE INFORMATION

Date Created: 2019-12-02 14:34:32

Date Due: 2019-12-06 23:59:00

Date Submitted: 2019-12-04 09:56:49

ALLOCATION REQUEST TITLE/DESCRIPTION

Request Title: (3) Wireless Microphones for Dawghouse AV System

Request Description: This request is to replace the wireless microphones in the Dawghouse. These microphones operate in the 600mhz band and the FCC has required these frequencies cease operation no later than 7/13/20.

ALLOCATION REQUEST INFORMATION

Department Name: Information Technology

Request Code: 19A0202

Contact Names: Josh Carper

UW Tacoma Affiliation: Staff

UWT Email Address: jdc5@uw.edu

Phone Number: 2536924439

Title of Request: Dawghouse Wireless Microphone Replacement

Type of Request: One Time

Department Head Approval: Department Head: Patrick Pow

Annual Request Information

1. Background: Review and discuss the context of the proposed technology in detail. Explain how this proposal will be used in conjunction with an original proposal or existing technology. If applicable, how is the current technology disabled or inadequate?

This is a request to seek funding to replace the three wireless microphones in the Dawg House. The FCC has mandated that wireless microphones in the 614mhz-698mhz range cease being used no later than 7/20/20, or sooner if deemed necessary. The Dawg House microphones fall in the 617-652 MHz range and will not be able to be used after FCC mandate goes into effect.

These microphones are part of the AV system that STFC purchased in 2012, proposal number 28, titled: Ouwtpost A/V System-Informational Technology. The replacement will consist of the same model and make of microphones in one of the approved frequency ranges of 470mhz-542mhz, consisting of 2 wireless handheld and 1 lavalier (shirt clip-on microphone) and 3 modules that are the receivers of the microphone signal that connect them to sound system.

To further explain the FCC's requirement, I am including an excerpt here from their webpage (below) - "In 2014, the FCC adopted rules to implement the broadcast television spectrum incentive auction, which reorganized the existing television band and repurposed a portion of the UHF television band for wireless broadband services for 600 MHz service licensees. See FCC 14-50. As a result, spectrum in the 617-652 MHz and 663-698 MHz bands was repurposed for wireless licensees. See DA 17-314. The spectrum that is used by these 600 MHz service licensees will no longer be available to wireless microphones after July 13, 2020. In addition, wireless microphone operations must cease earlier if such operations could cause harmful interference to any 600 MHz service licensee's operations. In particular, wireless microphone users must cease operation in frequencies in any areas where a 600 MHz service licensee has commenced operations or is conducting its first field application testing. See FCC 15-140*."

*If you would like further information, please review - <https://www.fcc.gov/wireless/bureau-divisions/mobility-division/wireless-microphones>

2. Benefit to Students: Discuss how students have benefited from the original proposal, if applicable. How will additional funding of the technology benefit students? If this was an unforeseen technology need, discuss how students will benefit from this new proposal and why the need cannot wait for annual allocation funding.

It has been an asset to students to have the AV system in the Dawg House for various events and activities over the years. The additional funding being requested will help ensure that there are available wireless microphones to meet the student's needs. Due to FCC deadline, the annual allocation funding will come too late to purchase and install these microphones, so special allocation funding is being requested.

3. Access: Describe who will be using or will have access to the resources being proposed. If the access has changed since an original proposal, be sure to note that here. In addition, all previous requestors, please provide historic data highlighting the usage and accessibility of technology. All new requestors, please provide user need data.

All UWT current students will have access. Typically, if a student or student group would like to use the microphones and/or AV system, they will need to submit a UUF request through the appropriate channels for access.

4. Timeline: Provide a timeline showing how the proposed technology can be completed during the requested period. Describe when you would like to see this proposal initiated and completed, and why.

Due to the FCC's mandate, the sooner we can receive and install these microphones the better prepared we are to ensure no disruption to students.

5. Resources/Budget: Discuss available financial, personnel and space resources devoted to the proposed technology and level of support. Proposal must detail all the items/resources requested to be purchased. This includes filling out the Item Detail in next section.

Information Technology will manage the installation, maintenance and operation of the microphones.

Funding Request Items

Item	QTY	Cost Per Item	Shipping Fee	Tax Per Item	Subtotal
Sony UTXM40/14 Handheld Wireless Mic Tx	2	\$337.59	\$15.00	\$34.43	\$759.04
Sony URXM2/3032 UWP Series Plug-in Tuner Module	3	\$346.06	\$20.00	\$35.30	\$1,164.08
Sony UTXB40/14 Bodypack Tx-Lav Mic	1	\$337.59	\$15.00	\$34.43	\$387.02
OVERALL TOTAL:					\$2,310.14