Colorado State University -Technology Fee Committee Meeting
Feb. 27, 2014

Members in attendance: Jake Anderson, John Walker Davis, Nick Goode, Carolyn Hoagland, Larry Karbowski, Lance Oles, Ed, Peyronnin, Jane Rozum (acting secretary)

Meeting called to order by Nick Goode (President) @ 10:01 AM

Old Business:

Approval of Minutes: Moved and seconded- Passes

Purchase and installation of WAP (wireless access point) for Taylor Center, ARDEC: Ed reports this was replacement of defective system and installed in classroom. Cost: $850. ACNS, CSU Net 5 Compliant.

Proposed Change to CFT manual to allow CSU colleges to permit the use of student technology fees to pay for full-time employee: At this point, this is not allowed, but other colleges want to change by-laws so they may ask their technology committees to permit this. If permitted, tech fees could be used to compensate or partially compensate for a non-student employee (1 FTE) to directly support CFT-funded equipment and initiatives. College of Agriculture has separate by-laws and would also need permission from the Ag college Tech committee. Ed does not believe we need a FTE at this time.

Discussion, will vote on this next meeting.

Animal Science building upgrade: Last update Ed received was that the building will have 20 computers for undergrad/grad use. Ed has no other information. Since Animal Science representative was not at meeting, no updated information available to committee.

Plotter/Printer for LA graduate students: installed and being tested by Jake. Located in undergraduate computer lab, Shep 222.

Sigma Plot: Expensive; only one grad student mentioned needing it; Jane will email grad students to gage current need.

New Business:

Move to University-wide PaperCut system: College of Ag now has separate system to allow photocopies within college, $10 per student credit is allowed. Ed would like to merge College of Ag system with University pay as you go system on RamCard. College of Ag would then give each student $10 credit on their RamCard so that they may use in other areas besides College of Ag computer labs. (I.e. library, etc.). Ed also mentioned that many students do not use their printing allotment. Proposed that they would keep track of usage in 2014-2015 school year and reduce fee for all students in 2015-2016 school year, to correspond to actual usage amount. Will have college wide forums with students in next 2 weeks, report back their input and vote on these two proposals at next Tech committee meeting.

Discussion: Member thought merging Paper-cut systems would work, though must make sure eID login match up. Ed said they would. Member said would be easier for students to access printing at library.

Reconsidering College of Ag computer workspace: Ed commented that students now interact with computer lab space differently now than in the 1990's when these spaces were designed. So Ed

proposed two projects which adapt computer lab space to modern needs. Project 1: Ed feels that Shepardson 222 and 218 need more collaborative workspaces which can be accomplished by upgrading computer lab's physical space. Project 2: Also, many students BYOD 'bring their own device' and therefore need a computer lab environment where they can tie into CSU interface, such as zero client (like library system) where computers are connected to College of Ag server but have no processor on machine. This will require additional hardware updating in College of Ag system.

Project 1: Proposed estimate on updating computer spaces in Shepardson 218 and 222. (Attached handout)

Ed proposes contracting with CSU remodel services and remove old carpet and glue from floors, polish concrete floors, install sound panels and paint walls over the summer 2014. These items as well as cost for moving furniture and computers would cost approximately $20,000. Ed will present voting proposal for this project at next meeting. Discussion: Expense for staining concrete; Ed will amend proposal so only concrete polishing is included and give final budget numbers at next meeting. Question: Does this come out of tech fee monies? Ed answers yes, because this is dedicated student computer room; only items that would not be covered would be chairs and office furniture that are not for tech items.

Project 2: Upgrade of College of Ag servers for BYOD and zero client desktops (Attached handout)

Larry: Handout shows servers which Larry has color coded for clarity. Yellow highlights show old ESX Servers in which new servers have already been purchased and will be replaced. Purple highlights servers which are for future replacement. Red highlight shows two Brocade modules that are at end of life and need to be replaced. Larry outlined 4 options (quotes) on replacing:

1. Replace with updated SAN switch – includes more power and support - $16866
2. Buy above plus HP virtual connection which will give upgraded network capacity and support – above plus additional $9416.
3. Upgrade to virtual connection flex10: would handle all network and storage issues and support – Cost: $16866 + $4558 = $21,424.
4. FlexFabric for both old modules which would handle network and storage and be covered under existing support contract. Once installed, would notice increase in speed in login and storage and faster connections. Would receive 6-8 network connections and could push to 10 gigabytes. Cost: $52,349, but would get 45% reduction for EVA trade-in=$24,457

 Larry will have proposal for purchase at next meeting.

Ed to set next meeting within two weeks; doodle poll voting for meeting time and date sent to members immediately following meeting.

Motion made to adjourn meeting, seconded. Meeting adjourned at 11:03 AM.