To: Bob James, TIF Chair

From: Sandro Silvestri, CIO

Subject: Increase in TIF funding amount

During the Winter 2016 TIF funding cycle, the Infrastructure Fund allocated $204,000 for a firewall, internet routers, core switches, and server farm switches.   The following is what was proposed.

Proposed Items	Cost
1 Cisco MX 6000 Firewall & 2 Cisco 4431 Internet Routers	$ 89,000
2 Cisco 4500 Core Switch with 3 2960x Server Farm Switches	$115,000
Total	**$204,000**

During the specification process, it became clear that the proposed equipment would not meet the growing technology needs of the college. As a result, ITS began to look at newer technology that is more robust, expandable, and highly available.   Specifications were developed and bids released for the following equipment. The resulting bids had a total cost greater than the amount allocated from the Infrastructure fund.

The equipment specified and bid is as follows:

Actual Purchase	Cost
2 Palo Alto PA 5050 Network Firewall – High Availability Configuration	$ 193,384
2 Cisco 4431 Internet Gateway Routers	$ 23,510
2 Cisco Catalyst 4500-X 40 Port 10G with 3 Catalyst 2960-X 48 GigE Server Farm Switches	$110,238
Total	**$317,132**

Therefore, I am requesting an additional allocation from the Infrastructure Fund of ***$113,132*** during the Fall 2016 TIF cycle.