

A+ Access Grid Conference System

<u>Quantity</u>	<u>Item</u>	<u>Unit Price</u>	<u>Item Price</u>	<u>Description of Purpose</u>
		<u>Overall Total</u> \$83,740		
		<u>Group Total</u>	<u>\$18,910</u>	
<u>Camera Equipment</u>				
1	Sony EVI-D70 with wide lens	\$900	\$900	Camera to show students and instructor for AG and Polycom
3	Sony EVI-HD1	\$3,700.00	\$11,100	HD student and instructor cameras in preparation for HD on AG
1	Sony RM-BR300 Joystick Remote Control	\$1,400	\$1,400	Provides manual control of cameras
1	Vaddio Quick-Connect 4	\$500	\$500	allows easy connection and control of 4 cameras
2	Osprey 450e capture cards	\$970	\$1,940	for capturing video: cameras, DVD/VCR, Doc Cam
1	Vaddio PreVIEW HD triple 5.7 rack-mount monitor	\$1,600	\$1,600	provides preview monitors for tech. desk
1	Datapath RGB-X2 capture card	\$1,470	\$1,470	Allows you to capture video from a PC or laptop and broadcast over the AG, could replace live meeting
<u>Display Equipment</u>				
		<u>Group Total</u>	<u>\$11,870</u>	
3	Sharp XG-C435X data projector	\$2,200	\$6,600	Data projectors to display Far sites and presentation
27	Walltalkers Nu Vu rite wall covering	\$90	\$2,430	Projection screen that is applied to the wall without seams
2	*42" Samsung Plasma monitors	\$1,350	\$2,700	mounted in back of room for instructor to see what is on screens
2	*42" plasma mounting hardware Samsung	\$70	\$140	to mount the 2 plasmas on the back wall
<u>Content Sources</u>				
		<u>Group Total</u>	<u>\$5,800</u>	
1	*ELMO HV5100XG Document Camera	\$1,800	\$1,800	Document Camera for instructor station
1	DVD/VCR combo JVC	\$100	\$100	for instructor to play DVDs and VHS tapes
1	MPC E4620d from USD standards page	\$900	\$900	Instructor PC
1	Symposium ID370 17" interactive pen display	\$3,000	\$3,000	for instructor deck
<u>Audio Equipment</u>				
		<u>Group Total</u>	<u>\$12,760</u>	
1	ClearOne Converge Pro 880	\$4,000	\$4,000	mic/audio mixer and echo canceller
1	ClearOne Converge Pro 8i	\$3,600	\$3,600	8 additional mic inputs
1	Shure PGX14/85 wireless mic system	\$560	\$560	wireless lavalier microphone for instructor
15	Audio-Technica AT8666RSC mic desk stand	\$120	\$1,800	push-to-talk mic base for student mics, will also trigger camera presets
15	Audio-Technica Pro-49Q gooseneck mic	\$120	\$1,800	Student microphones
1	room speaker system	\$1,000	\$1,000	room speakers to hear audio from AG and Polycom
<u>Switching and Control Equipment</u>				
		<u>Group Total</u>	<u>\$22,600</u>	
2	Workstations with monitors	\$5,000	\$10,000	computers to run the access grid: one for video capture, the other for display and audio
500	feet of high-res video cable	\$2	\$1,000	to run video to the projectors, inst. Preview monitors, and inst. PC and Doc cam, etc..
15	high-res video ends	\$20	\$300	ends to connect to projectors, monitors, pc and doc cam
1	Crestron AV2, NIC, RGB 8x8 matrix switcher	\$7,300	\$7,300	Provides an easy user interface to control the equipment in the room
1	Crestron wireless control panel	\$4,000	\$4,000	the touch panel that the inst. Will use to control devices in the room
<u>Lighting Equipment</u>				
		<u>Group Total</u>	<u>\$2,600</u>	
2	Hi-Lite EXR (110 volt) recessed lights	\$1,300	\$2,600	special lighting to provide light on students but not on screens
<u>Polycom</u>				
		<u>Group Total</u>	<u>\$5,000</u>	
1	*Polycom VSX 8000	\$5,000	\$5,000	videoconference equipment to provide additional connection method
<u>Equipment Rack / Desk</u>				
		<u>Group Total</u>	<u>\$4,200</u>	
1	Inst. Desk w/doc cam shelf	\$1,000	\$1,000	Instructor desk
1	server storage rack	\$1,200	\$1,200	server rack to house the majority of the components at the tech desk
1	rack-mountable APC UPS with network management	\$2,000	\$2,000	To provide battery backup and power protection to equipment in the rack