

BUDGET JUSTIFICATION

Item #	Qty	Model	Description	Unit Price	Total Price
<u>Equipment</u>					
Microphones and Microphone Stands:					
1	1	Beyerdynamic/Sweetwater Opus Drum Mics		1,400	1,400
		<i>All-inclusive kit includes microphones and hardware to record drums</i>			
2	1	Neuman KM 184 Pair	Cardioid Cond. Mics	1,720	1,720
		<i>Microphone used for high-volume applications</i>			
3	1	Mohave MA201FET	Cond. Microphone	695	695
		<i>Emulates tube microphone for vocals</i>			
4	1	Bock Audio 195	Large Diaph mic	1,200	1,200
		<i>Designed to emulate vintage microphones. Less expensive than vintage microphones</i>			
5	1	Neumann TLM49	Lg Diaph Tube Mic	1,798	1,798
		<i>Microphone for vocal applications that require added sonic warmth</i>			
6	2	RodeNT2A	Multi-Pattern C Mic	499	998
		<i>Microphone with variable pick-up pattern for varied set-ups</i>			
7	14	Shure SM58	Dynamic Mic	110	1,540
		<i>Moderately priced microphone for vocals—durable with heavy use</i>			
8	14	Shure SM57	Dynamic Mic	110	1,540
		<i>Moderately priced microphone for instruments—durable with heavy use</i>			
9	1	Rode NT5	Matched Pr. Con Mic	699	699
		<i>Microphone well suited for solo instruments</i>			
10	2	Sennheiser MD421 II	Cardioid Mic	440	880
		<i>High-quality microphone well-suited for recording piano</i>			
11	4	AKG C 414-B-XLS	Condenser Mic	1,300	5,200
		<i>Microphone used for acoustic instruments</i>			
12	4	SM 81	Cardioid Mic	450	1,800
		<i>Microphone used for overhead applications</i>			
13	2	Radial JPC	Active Ster Dir Box	220	440
		<i>Converts electric keyboard signal to recording level</i>			
14	4	Radial JDI	Passive DI Box	220	880
		<i>High quality instrument direct box for guitar, bass, and keyboard recording</i>			
15	1	Royer R121	Ribbon Microphone	1,395	1,395
		<i>Used when flat frequency response is needed in recording</i>			
16	1	Royer RSM1	Shockmount brace	235	235
		<i>Needed for use with R121 microphone. Eliminates vibrations from floor</i>			
17	1	PopFilter6	6" Pop Filter	20	20
		<i>Eliminates vocal pops from recordings</i>			
18	1	Shure S15A	Mic Stand	219	219
		<i>Support for stereo microphone</i>			
19	3	Atlas SB36W	Boom w/Wheels	270	810
		<i>Extra tall stand for surround sound microphone applications</i>			

20	2	KM210/21BL	Tall Mic Stand	140	280
			<i>Tall microphone stand to record overhead drum cymbals</i>		
21	12	AKG KM210/9BL	Mic Stand - Black	103	1,236
			<i>High quality, moderately priced microphone stand for daily applications</i>		
22	3	AKG KM259/5	Short Tripod Boom	80	240
			<i>Used for instruments low to the ground such as bass drums and guitar amps</i>		

Video Cameras, Tripods, and Blue Screen:

23	1	Sony Handycam HDR-SR11 camcorder		1,500	1,500
			<i>High definition camcorder used for complimentary angles</i>		
24	2	Canon XH A1 high definition camcorder		5,000	10,000
			<i>High resolution high def. entry-level professional camcorder for primary angles.</i>		
25	1	Bogen/Manfrotto tripod system		270	270
			<i>Tripod for lighter camera, professional tripod offering fluid tilt and pan</i>		
26	2	Bogen / Manfrotto tripod system		380	760
			<i>Supports heavier camcorders, professional tripod offering fluid tilt and pan</i>		
27	1	Owen's Chromakey Blue Screen 11 x 15 ft.		149	149

Preamps and Compressors:

28	1	Vintech 473	Pre Amp w/EQ	3,195	3,195
			<i>Four channel preamp with essential EQ emulates Neve system</i>		
29	1	Vintech X73Power	Pwr Supply	225	225
			<i>Power supply for Vintech 473 (above)</i>		
30	1	Groove Tubes SuPRE	Stereo Mic Preamp	1,600	1,600
			<i>Stereo preamp, which uses tubes for better tone and response</i>		
31	1	Great River MP-2NV	Dual Ch. Preamp	2,960	2,960
			<i>Preamp, which simulates the vintage sound of older units</i>		
32	1	Empirical LabsEL-8SX	Distressor	3,779	3,779
			<i>Digitally controlled compressor with distortion to simulate tape saturation</i>		
33	1	Manley Variable Mu	Limiter/Compressor	4,000	4,000
			<i>Limiter/compressor used in many professional studios</i>		
34	1	PreSonus ACP-88	8-Ch Comp/Lim/Gate	1,149	1,149
			<i>Dynamics processor for live sound applications</i>		

Monitors:

35	1	Aviom AN16/i	16-Channel module	1,210	1,210
			<i>Converts analog channels into digital A-net signal</i>		
36	8	Aviom A16ii	Monitor Mixer Rec.	600	4,800
			<i>Headphone monitor/mixer for musicians runs off A-net signal</i>		
37	1	Aviom A16D	A-Net Distributor	1,450	1,450
			<i>Distributes A-net signal to musicians</i>		
38	8	Aviom MT1	Mic Stand Mount	25	200
			<i>Mounts headphone mixers to microphone stands</i>		
39	12	Sony MDR7506	Prof Headphones	110	1,320
			<i>Industry standard headphones for studio applications</i>		

40	1	BeyerdynamicDT770M Drum Headphones	329	329
		<i>Noise rejection headphones designed for drummers</i>		
Acoustical Improvement:				
41	1	Auralex Room Pro Plus Kit 294	1,140	1,140
		<i>Eliminates acoustical problems in control room</i>		
Cables:				
42	1	Cables Assorted Cables	2,700	2,700
		<i>Miscellaneous cables needed to connect equipment</i>		

Equipment Total: \$67,961
Institutional Match: \$2,189 (in-cash)
BORSF Request: \$65,772

Software

1	Apple Final Cut Stud. Acad Video Ed. Suite	899	899
	<i>Industry standard for visual editing software</i>		
1	McDSP Comp Bank HD Compressor Plug-in	470	470
	<i>High-performance compression effect plug-in software</i>		
1	Native Instruments B4 Virtual Organ	209	209
	<i>Software version of classic B3 organ</i>		
1	Native Instruments Pro53 Virtual Prophet-5	209	209
	<i>Software version of classic Prophet-5 synthesizer</i>		
1	Native Inst. Akoustik Pno Virtual Piano	300	300
	<i>High-quality digitally reproduced piano</i>		
1	Arturia 10 yr bundle suite	699	699
	<i>Excellent software recreation of important synthesizers</i>		

Software Total: \$2,786
Institutional Match: \$0
BORSF Request: \$2,786

Supplies

0 0

Shipping/Handling

Shipping and Handling of all items	2,000	2,000
------------------------------------	-------	-------

Shipping/Handling Total: \$2,000
Institutional Match: \$0
BORSF Request: \$2,000

Installation

0 0

Personnel Training

0 0

Other

Acoustic/Facility Preparation (Institutional Match)

8,700 8,700

Facility preparation such as: building a new wall to improve acoustics, rerouting air conditioning ductwork, painting, and the addition of sound panels, will precede the studio's installation.

Facility Preparation: \$8,700

Institutional Match: \$8,700 (in-cash)

BORSF Request: \$0

Indirect Costs

2058 2058

The university will show as cost share all unrecovered indirect costs. The university's federally negotiated rate is 43% modified total direct costs (MTDC). The MTDC base includes software and shipping/handling. Base: \$4,786.

Indirect Costs: \$2,058

Institutional Match: \$2,058 (in-kind)

BORSF Request: \$0

Maintenance

0 0

Total BORSF Request: \$70,558

Total Institutional Match: \$12,947

Total Project Costs: \$83,505

Currently, there is no state funding allocated for this equipment. Therefore, this request does not displace, replace, or supplant other appropriated funding for higher education.