

INSTRUCTIONAL EQUIPMENT REQUEST 2016-2017

Internal Use

IE #: Fall 05

Total \$: 13,404.66

Requester Name: Ian Brekke Division Name: Music

SECTION 1: SUMMARY INFORMATION

Brief Title of the Request:

Upgrade and replacement of live sound system, primarily used for vocal jazz rehearsal and several live music performances.

Equipment Location Building: L4000 Room: 4130

SECTION 2: EQUIPMENT DESCRIPTION

The equipment is: A Replacement An Upgrade New Equipment/Technology

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

The Vocal Jazz Ensemble (46A/B) requires a live sound system to rehearse and perform on, as it is considered an industry standard for this style of music to be amplified individually. Our current sound system is missing important elements of the overall setup, including: Not having enough channels to support all singers, no EQ adjustment ability, no compression, no modern recording capabilities, no presets, lack of input and output channels, lack of enough monitors and cables, and extremely basic overall functionality. Because of these reasons, the system is unfit for live performance purposes. The requested live sound system intends to modernize, expand, and professionalize with more advanced equipment that fulfills all of the requirements of live amplified performance. The system will be able to travel as well, a necessary function for recruiting trips and performances. The current sound system will be retained and moved to 4138, to function as a basic system for that classroom.

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

N/A

SECTION 3: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

LPC is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

LPC PLANNING PRIORITIES:

- ❖ Establish regular and ongoing processes to implement best practices to meet ACCJC standards.
- ❖ Provide necessary institutional support for curriculum development and maintenance.
- ❖ Develop processes to facilitate ongoing meaningful assessment of SLOs and integrate assessment of SLOs into college processes.
- ❖ Expand tutoring services to meet demand and support student success in Basic Skills, CTE, and Transfer courses.

Specify how the equipment supports *LPC's Mission Statement and Planning Priorities:*

Live vocal jazz and other styles of performance require amplified sound to fulfill the intended musical traits of their specific discipline. The addition of the requested live sound system fulfills these specific requirements, aiding in LPC's goals of providing students the support necessary to successfully earn their degree, transfer, build basic skills, and/or provide training/retraining for their career(s). Additionally, the sound system fulfills LPC's priorities by meeting ACCJC standards (academic quality, institutional effectiveness, institutional integrity, physical resources) and providing institutional support

SECTION 4: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

Directly, this supports all vocal and performance classes: Vocal jazz program, choral program (amplified soloists), voice classes, private voice and piano lessons, large jazz ensembles and combos, guitar classes, music lecture classes, and several performance opportunities. Indirectly, this supports overall recruiting efforts and quality of the LPC arts department as a whole.

If this equipment is included in your Program Review, please include the exact wording. If equipment is not included, explain why:

- Additional equipment needs: New pianos for performance spaces and practice rooms, up-to-date computer systems, modern sound system equipment, choral risers, big band and orchestra equipment, new equipment necessary for upcoming classes being added (especially the several specific equipment needs of the Music Technology Certificate), instrument maintenance and tuning expenses.
- Additional IER include: Music Recording equipment, software, and up-to-date computers, a wi-fi

SECTION 5: TEACHING AND LEARNING

Describe in detail the impact this equipment will have on teaching:

Sound reinforcement concepts are central to successful teaching of vocal jazz and contemporary styles. Currently, we are stretching our sound system to its very limits (and sometimes beyond), forcing compromises in teaching methods that do not translate to effective performance. The addition of a modern sound system improves overall musical rehearsal and performance quality, provides much greater flexibility for expansion, travel, and unforeseen variables, allows feedback and unintended frequencies of each room to be eliminated (EQ adjustment), and expands the student's

Describe in detail the impact this equipment will have on learning:

Similarly, the above goals also apply to the learning process for all students. In vocal jazz, the sound system is most similar to having proper acoustics for a choral ensemble, meaning that all students will struggle with basic sound concepts without a modern system. The ability to fulfill the SLOs of these classes will improve with this addition.

Each academic year, this equipment will impact: $\frac{8}{2}$ # of classes/sections $\frac{125}{2}$ # of students

SECTION 6: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved?

1. **[OBJ]** Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting. - Having a modern, fully functional live sound system is considered the industry standard of the vocal jazz/commercial music style. This equipment is necessary to allow the students the opportunity to meet the intended levels of professional rehearsal and performance practices.
2. **[OBJ]** At the end of the semester the students will demonstrate the ability to sing on **[OBJ]** pitch in a section and ensemble as directed by a conductor. - Intonation is a direct result of being able to hear

What are the consequences related to learning outcomes if request is not funded?

Overall musical quality of both rehearsal and performance will not improve as rapidly as intended. Students will not be provided an industry standard necessary for appropriate performance of this musical style. Overall intonation, blend, and balance will be more difficult to achieve. Additionally, expanded enrollment in the vocal jazz classes will not be possible, as the current sound board only allows 12 microphones to be plugged into it. There will be limited opportunities for recruiting trips and performances.

SECTION 7: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?

Most elements of the live sound system last approximately 10-15 years with regular maintenance and upkeep.

If new storage is needed, describe the storage, location, and costs: (Specific storage costs should be detailed in the "Part A: Initial Start-up Costs" section below.)

What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the "Part B: On-Going Annual Operating Costs" sections below as applicable.)

Ian Brekke is able to monitor the system for problems as they arise, including equipment that may fail and/or needs cleaning. Any repairs would need to be completed by a local audio professional on a case-by-case basis. The audio board requires a regular cleaning approx. once every 5 years.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:

As our current system does not meet our music department needs, to meet the goals of an expanding department a sound system would have to be rented on an individual use basis, which would be much more expensive over time. The proposed new system is quality equipment that is designed to be used professionally over several years with regular monitoring and upkeep. Additionally, it will be very flexible in function, fulfilling the needs of all classes in need of live amplification. Finally, a new system allows the vocal and performance classes to expand naturally along with the rest of the arts department.

Part A: Initial Start-up Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials	12,153.24	
Taxes (9.5%)		
Shipping or Delivery Charge	\$0	Free Shipping Promo
Installation Costs *	N/A	
Miscellaneous Costs:		
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Other:		
Vendor Discount		
Grand Total:	12,153.24	

Part B: On-Going Annual Operating Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Annual Service or Maintenance	\$0	
Estimated Parts Replacement Per Year	\$50	Replacement cables
Outside Standardization or Calibration Costs	\$0	
Storage Costs	\$0	
New Supply Costs	\$0	
Miscellaneous Costs:	\$0	
Maintenance & Repair Labor	\$250	Cleaning/maintenance of sound board on case-by-case basis
Other:		
Annual Operating Costs:	\$300	

Indicate the source of funding for on-going annual operating costs:

Music department co-curricular account

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: Ian Brekke

Is this in their current scope of duties? Yes

Indicate cost to train key operator (include in Initial Start-up Costs above): \$0

Indicate amount of time per month key operator will use equipment: 84 hours

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: Outside audio professional

Is this in their current scope of duties? Yes


Indicate cost to train for maintenance and repairs: \$0 (cost is incurred as repair fee)

Indicate amount of time per month maintenance will be required: Case-by-case basis

SECTION 8: APPROVALS

Funded requesters will be expected to respond to a brief RAC feedback survey by a requested deadline. Requests for computer-related equipment and printers must be reviewed by the LPC IT Department.


Signatures:


Requester


10/17/16
Date

IT Department (if required)

Date


Dean/Manager

10/17/16
Date


Vice President

10/24/16
Date

Sweetwater

Music Instruments & Pro Audio
 5501 US HWY 30 W
 Fort Wayne, IN 46818
 (800) 222-4700
 Sweetwater.com

Quote Number 3858715
 Quote Date 10/17/16
 Delivery Method AIT Freight
 Customer Number 3508638

Quote To: Ian Brekke
 Las Positas College
 3000 Campus Hill Dr
 Livermore, CA 94551-7623

Qty.	Item	Description	Retail Price	Your Price	Total
		INCLUDED WITH PURCHASE			
		FREE TWO YEAR WARRANTY			
		FREE TECHNICAL SUPPORT			
		FREE SHIPPING			
1	MixWizard416	Allen & Heath 16-Ch Live Mixer w/FX http://www.sweetwater.com/store/detail/MixWizard416/	\$1,199.00	\$945.47	\$945.47
6	PRX812W	JBL 12" 2-Way Active Speaker http://www.sweetwater.com/store/detail/PRX812W/	\$999.00	\$725.00	\$4,350.00
6	PRX812CVR	JBL Bags PRX812W Padded Cover http://www.sweetwater.com/store/detail/PRX812CVR/	\$84.99	\$39.99	\$239.94
2	PRX815W	JBL 15" 2-Way Active Speaker http://www.sweetwater.com/store/detail/PRX815W/	\$1,099.00	\$799.00	\$1,598.00
2	PRX815CVR	JBL Bags PRX815W Padded Cover http://www.sweetwater.com/store/detail/PRX815CVR/	\$99.99	\$49.99	\$99.98
1	PRX815XLFW	JBL 15" Active Subwoofer http://www.sweetwater.com/store/detail/PRX815XLFW/	\$1,399.00	\$989.63	\$989.63
1	PRX815XLCVR	JBL Bags PRX815XLFW Padded Cover http://www.sweetwater.com/store/detail/PRX815XLCVR/	\$119.99	\$55.99	\$55.99
1	SpkStdBagBun	On-Stage Stands 76059 Speaker Std Pair w/Bag http://www.sweetwater.com/store/detail/SpkStdBagBun/	\$219.99	\$94.67	\$94.67
1	2231	dbx Dual 31-Band Graphic EQ http://www.sweetwater.com/store/detail/2231/	\$799.95	\$485.88	\$485.88
1	1046	dbx Quad Compressor Limiter http://www.sweetwater.com/store/detail/1046/	\$799.95	\$475.00	\$475.00

Continued on page 2...

Sweetwater®

Music Instruments & Pro Audio

5501 US HWY 30 W
Fort Wayne, IN 46818
(800) 222-4700
Sweetwater.com

Quote Number 3858715
Quote Date 10/17/16
Delivery Method AIT Freight
Customer Number 3508638

Quote To: Ian Brekke
Las Positas College
3000 Campus Hill Dr
Livermore, CA 94551-7623

Qty.	Item	Description	Retail Price	Your Price	Total
23	ProDI	Radial Passive Mono DI Box http://www.sweetwater.com/store/detail/ProDI/	\$115.00	\$88.46	\$88.46 \$175.92
1	PLPLUSC	Furman 8+1 Outlet 15A Rk Pwr w/Light http://www.sweetwater.com/store/detail/PLPLUSC/	\$299.95	\$249.55	\$249.55
10	Beta58a	Shure SuperCardioid Microphone http://www.sweetwater.com/store/detail/Beta58a/	\$199.00	\$135.00	\$195.00 \$1350.00
10	XLR25	Pro Co 25' XLR-F-XLR-M Cable http://www.sweetwater.com/store/detail/XLR25/	\$35.49	\$14.99	\$149.90
4	BP20	Pro Co 20' TRS-TRS Cable http://www.sweetwater.com/store/detail/BP20/	\$37.34	\$18.99	\$75.96
4	MicStdRound	On-Stage Stands Round Base Mic Stand http://www.sweetwater.com/store/detail/MicStdRound/	\$39.99	\$15.99	\$15.99 \$63.96
1	R12RT	Rock N Roller All-Terrain Multi-Cart, RTrac http://www.sweetwater.com/store/detail/R12RT/	\$339.98	\$185.89	\$185.89
1	SPC155110	RapcoHorizon REEL16x4-100 16x4 100ft Snake **Special Order**	\$924.50	\$535.00	\$535.00
1	GTOURGRC12X12	Gator ATA Case 12U Over 12U http://www.sweetwater.com/store/detail/GTOURGRC12X12/	\$929.99	\$425.00	\$425.00
4	SPC4519	Hosa MMH-346 Quad Mic Holder **Special Order**	\$50.25	\$29.99	\$29.99 \$119.96

Continued on page 3...

Sweetwater[®]

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Qty.	Item	Description	Retail Price	Your Price	Total
		Items listed on previous page(s)			

A Note from Our President:

Hi, I'm Chuck Surack, owner of Sweetwater.

I want to take the time to personally thank you for your business with Sweetwater. I am so grateful for every customer, and I encourage you to continue to pursue your love of music.

I want you to know that your satisfaction is our first priority. If you have any questions or concerns, please do not hesitate to contact us. 24-hour support is available at Sweetwater.com/sweetcare, or contact our SweetCare Center by phone at (800) 222-4700 (available Mon-Fri 9AM-6PM, Sat 10AM-4PM). Of course, you can call your Sales Engineer anytime. If you need to get in touch with me directly, my email is chuck_surack@sweetwater.com.

Chuck Surack

Your Sales Engineer Is Richard Whittington:

richard_whittington@sweetwater.com
(260) 432-8176 x1376
(800) 222-4700 x1376

Sweetwater's Return Guidelines:

It's our goal to earn your trust and create a relationship with you for the long term by standing behind what we sell. We promise to deal with you fairly and reasonably; we hope you will be fair and reasonable with us as well. So, if for some reason you are not satisfied with your purchase, we will gladly accept your timely return of eligible items.

To make a return, simply contact your Sales Engineer to start the process.
For additional information on returns, please visit Sweetwater.com/help.

Subtotal:	\$11,225.30
Shipping & Handling:	\$787.93
Free Shipping Promo:	-\$787.93
Tax:	\$0.00
Total:	\$11,225.30 \$12,241.70

Will send updated quote including these revisions via email.

LAS POSITAS COLLEGE Equipment, Apparatus and Service Requisition

#R

FOR REIMBURSEMENT: List payee name & ssn.				FOR OFFICE USE ONLY	
SUGGESTED VENDOR		DATE WRITTEN	DATE REQUIRED	DIVISION/ DEPARTMENT	RETURN COPY OF REQUISITION TO:
Sweetwater		10/17/16	1/5/16	AH/Music	Cindy B Rosefield
NAME OF STAFF MEMBER		For inventory purposes include room # where equipment will reside: 4000			
Rosefield, Marschak & Brekke					
DESCRIPTION	(PRODUCT, TYPE, SIZE, COLOR, STOCK NUMBER)	UNIT	QTY	UNIT PRICE	EXTENDED COST
Allen & Heath Mixer	16-Channel MixWizard416	1	1	\$ 945.47	\$ 945.47
JBL Monitors	12" Active PRX812W	1	6	\$ 725.00	\$ 4,350.00
JBL Monitor Bags	Padded Cases PRX812CVR	1	6	\$ 39.99	\$ 239.94
JBL Mains	15" Active PRX815W	1	2	\$ 799.00	\$ 1,598.00
JBL Main Bags	Padded Cases PRX815CVR	1	2	\$ 49.99	\$ 99.98
JBL Subwoofer	15" Active PRX815XLFW	1	1	\$ 989.63	\$ 989.63
JBL Subwoofer Bag	Padded Case PRX815XLFCVR	1	1	\$ 55.99	\$ 55.99
Speaker Stands	Pair w/ Bag SpkStdBagBun	1	1	\$ 94.67	\$ 94.67
Graphic Equalizer	dbx Dual 31-Band 2231	1	1	\$ 485.88	\$ 485.88
Compressor/Limiter	dbx Quad Channel 1046	1	1	\$ 475.00	\$ 475.00
Direct Input Box	Radial Passive Mono ProDI	1	2	\$ 88.46	\$ 176.92
Power Conditioner	Furman 8+1 Outlet 15A w/LightPLPLUS	1	1	\$ 249.55	\$ 249.55
Shure Microphones	Beta58A	1	10	\$ 135.00	\$ 1,350.00
XLR Cables	Pro Co 25' XLR25	1	10	\$ 14.99	\$ 149.90
Instrumental Cables	Pro Co 20' BP20	1	4	\$ 18.99	\$ 75.96
Mic Stands	On-Stage Round Base MicStdRound	1	4	\$ 15.99	\$ 63.96
Equipment Cart	Rock N Roller Multi-Cart R12RT	1	1	\$ 185.89	\$ 185.89
16x4 Snake	RapcoHorizon Reel 100ft SPC155110	1	1	\$ 535.00	\$ 535.00
Mic Holder Clips	Hosa Quad Mic Holder SPC4519	1	4	\$ 29.99	\$ 119.96
Deliver To:	Las Positas College				
	3033 Collier Canyon Road				
	Livermore, Ca 94551				
Comments:	NO SUBSTITUTE VENDOR				
	Sweetwater offers free shipping and no sales tax				
		Subtotal			\$ 12,241.70
		Tax		\$ 9.56	\$ 1162.96
		Handling/Install			
		Shipping: cartage			
		TOTAL COST			\$ 13,404.66

Original invoices and receipts must be attached for payment. Include current taxes unless incorporated in price.

ACCOUNT # _____ FUND _____ ORG _____ ACCT _____ PROGRAM _____

APPROVALS _____ Supervisor/ Coordinator/ Director _____ Dean/ VP/ President _____

5