

March 7, 2013

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RE: Larger Equipment and Renovation Funds for the Theatre Program

Dean Montelone:

I would like to request funding to replace overused and unsafe scenic and shop equipment.

The requested amount of funding is \$20,923.

The anticipated vendors for the projects vary. A breakdown of the projects and the vendors associated with each part follows below.

From the opening of McCain Auditorium on October 7, 1970, the scene shop in 216 McCain has played a critical role in virtually every performance. The scene shop is located adjacent to the stage and provides the primary access point for equipment into the building. Despite its critical location, the shop has not undergone a significant renovation or update since the building's opening. As a result, the space and its equipment are showing their age and represent a potential risk to the courses, participants, and performers utilizing the shop. Following are brief descriptions of the projects, in order of importance, that would help to improve the safe use and maintenance of the shop and the productions it works on.

Replacement of Platform Inventory-\$8308

The Theatre program designs and fabricates all of the scenic elements for 11 shows each year. A significant help to this effort is the use of stock platforms. The current platform inventory is between 12-15 years old. Considering the abuse that these pieces are subjected to each and every year, it is amazing they have survived this long. Replacing these platforms requires money that the program is not able to provide. We are requesting funds to pay for the material costs from **Rose Brand, Griffith Lumber, and Home Depot, and Howie's Trash Service.**

Restore and improve functionality to the Paint Frame-\$2020

The scene shop was designed with a counterweighted paint frame along the east wall. This structure was designed to aid in painting full-stage drops. Over the past 40 years, it has been abused and ignored causing it to fall into disrepair. The mechanics of the structure are very functional, but the structure itself needs to be replaced. We are requesting funds to pay for the material costs from **Griffith Lumber, McMaster-Carr, Salina Steel, and Home Depot.**

Dust Collection-\$3595

The scene shop was designed for fabricating scenery with common wood and metalworking tools; however, it was not designed with a significant work-related hazard: dust collection. As a result, the program has made strides to improve dust collection, but need additional funding to provide a safer environment to its employees. Funding would cover material and tool replacement costs from **Box Labs, Griffith Lumber, McMaster-Carr, and Home Depot.**

Labor for Projects- \$7000

The above projects play a critical role in the functioning of the scene shop. As such, George Matthews and I, as the faculty responsible for the space, would like to take them on during the summer of 2014. The above figure represents a fixed amount of \$3500 each for the completion of the projects.

In the course of a year, the scene shop is used by THTRE 211 – Drama Participation, THTRE 368 – Fundamentals of Technical Production, THTRE 080- Concepts of Theatre Production, and multiple sections of THTRE 711 – Topics in Technical Theatre. From these classes, the proposed funding would be used, on average 15-20 hours per week by an average of 20 students each semester.

However, the larger use is in production work where the space is in use six days a week, five to eight hours per day. The scene shop employs about 12 students and faculty each building the scenery for seven mainstage shows and four second-stage shows. Likewise, every student performing in each show is affected by the products of the scene shop, an average of 100 actors each year.

Thousands of local and touring performers pass through the shop each year; the scene shop is a key location for them, shaping their first impression of our performance space, and for some, our campus.

I sincerely hope that you will fund this proposal to aid in maintaining the program's commitment to quality and safety.

Sincerely,



Ben Stark
Technical Director/Assistant Professor

#1 Replacement of Existing Platform Inventory

Description/Notes

Platforms will be 2x4 framed, 2' o.c. attached with screws and construction adhesive. Each platform will require a purchased leg socket every 4'. Frames are lidded with 3/4 BC plywood attacheed with screws. Current inventory puts our stock platforms as follows: 2@5'x8', 14@4'x8', 7@4'x7' , 2 @4'x6', 3@4'x5', 3@4'x4', 5@3'x8', 2@3'x7', 1@3'x6', 2@3'x5', 5@3'x4', 3@3'x3', 2@2'x8', 1@2'x7', 2@2'x6', 1@2'x5', 4@2'x3', 1@2'x2', 1@1'x8', 1@1'x6', 1@1'x5', 1@1'x4', 1@1'x3'. In addition, we have triangle platforms: 2@3'x3', 6@4'x4'.

BUILD		NUMBER OF		TOTAL
		MANHOURS	PLATFORMS	MANHOURS
1	Construction for each platform: 2 manhours	2	75	150
2	Deconstruction of old platforms	1	75	75
TOTAL Build				225

MATERIAL	VENDOR	UNIT	QUANTITY ESTIMATE	UNIT PRICE ESTIMATE	COST ESTIMATE
1 2x4x16 No. 2 Pine	Griffith Lumber	ea	140	\$6.00	\$840.00
2 3/4 BC Plywood	Home Depot	4x8	61	\$32.00	\$1,952.00
3 Leg-A-Matic II Corner Bracket	Rose Brand	ea	394	\$9.50	\$3,743.00
4 Hardware pack for Leg-A-Matic II	Rose Brand	ea	394	\$3.40	\$1,339.60
5 Dumpster	Howies	ea	2	\$217.00	\$434.00
TOTAL Materials					\$8,308.60

#2 Restore and improve functionality to the Paint Frame

Description/Notes

Paint frame structure, approximately 46' w x 24't, will be struck and replaced with 1x4 and 3/4 plywood structure. This will stabilize it and restore its functionality. In addition, we will add more framing to make it easier to attach drops and improve the ease of use by making the frame entirely on one plane. Finally, in order to have access to the entirety of the frame, we will remove the existing paint shop dividers and fabricate storage for paint equipment, tools, and stock flats. Existing mechanical systems would remain intact and no attachment to the building or modifications to the building would be required.

BUILD		NUMBER OF		TOTAL MANHOURS
		CREW	HOURS	
1	Strike existing frame	2	40	80
2	Fabricate new frame	2	80	160
3	Install new frame	2	40	80
4	Strike existing paint room dividers	2	24	48
5	Fabricate new storage carts and shelves for paint	2	40	80
6	Fabricate flat storage	2	40	80
7	Install new flat storage	2	24	48
TOTAL Build				576

MATERIAL	VENDOR	UNIT	QUANTITY ESTIMATE	UNIT PRICE ESTIMATE	COST ESTIMATE
1 1x4x16	Griffith Lumber	ea	60	\$8.00	\$480.00
2 3/4 BC Plywood	Home Depot	4x8	20	\$32.00	\$640.00
3 3" Socket Head Cap Screw and nylock	McMaster-Carr	pk/10	20	\$15.00	\$300.00
4 1x1x16g steel tube	Salina Steel	24' length	12	\$20.00	\$240.00
5 1.5x1.5x16g steel tube	Salina Steel	24' length	12	\$30.00	\$360.00
TOTAL Materials					\$2,020.00

#3 Improve Dust Collection

Description/Notes

Dust collection in the scene shop has been a constant struggle. Recently, we have upgraded some of the equipment, but were unable to complete the project. The additional funds would allow us to purchase the tools needed to improve the functionality and safety of the show by adding tools designed for dust collection.

BUILD			NUMBER OF		TOTAL MANHOURS
			CREW	HOURS	
1	Labor unnecessary				--
TOTAL Build					--
MATERIAL	VENDOR	UNIT	QUANTITY ESTIMATE	UNIT PRICE ESTIMATE	COST ESTIMATE
1 Festool Kapex + CT36 dust extractor	Box Labs	ea	1	\$1,975.00	\$1,975.00
2 PS30 Jigsaw + CT26 dust extractor	Box Labs	ea	2	\$810.00	\$1,620.00
TOTAL Materials					\$3,595.00