

BID FORM
THEATRE LIGHTING EQUIPMENT RFQ # 1726
To Be Submitted with Bid

To: Mt. Diablo Unified School District
Purchasing/Warehouse Department
2326 Bisso Lane
Concord, CA, 94520

From: Musson Theatrical, Inc.

Name of Bidder

890 Walsh Ave

Mailing Address

Santa Clara, CA 95050

City, State & Zip

1-800-843-2837

Phone Number

sales@musson.com or dmyers@musson.com

Email Address

Responding to RFQ No.1726 due by 10:30 a.m., on November 3, 2015, the Bid Submittal Deadline, the undersigned Bidder agrees to furnish and deliver Theatre Lighting Equipment per the terms, conditions and specifications. I/We have stated hereon the price(s) at which we will furnish and deliver the specified item(s) and will accept as full payment therefore the amount shown below.

Items Requested:

Qty	Model	Description	Price (each)	Total
Concord High				
1	E483ML E243ML	ETC Dimmer Rack w/ Cross Bussed Aux Rack & Processor	4,220.00	4,220.00
22	40 D20	Dual Dimmer Modules	287.00	6,314.00
2	R20	Dual Relay Modules	312.00	624.00
1	LMNT-60-250	ETC Element 60/250 Control Console	4,799.00	4,799.00
2	P-1913	19" DVI Monitors w/ Adjustable Height Stands 20"	290.00	580.00
1		40' long connector strip containing 9 - L5-20R for Dimmed Circuits	1,314.00	1,314.00
		16 - 5-20R Duplex outlets on 4 - 20A Circuits		
1		40' long connector strip containing:	1,314.00	1,314.00

		9 - L5-20R for Dimmed Circuits		
		16 - 5-20R Duplex outlets on 4 - 20A Circuits		
1		40' long connector strip containing:	1,182.00	1,182.00
		6 - L5-20R for Dimmed Circuits		
		12 - 5-20R Duplex outlets on 4 - 20A Circuits		
1		Preset 10 station w/ contact closure input	450.00	450.00
1		Power Transformer for Pre10	20.00	20.00
15		Color Source PAR with Edison Adapters	495.00	7,425.00
15		Wide Oval Diffusers	18.50	227.50
15		Clamps	10.00	150.00
15		Safety Cables	2.50	37.50
15		15' DMX Cables	28.00	420.00
12		S4 Series 2 Lustr Light engine w/ shutter assembly	1,575.00	18,900.00
12		EDLT Lens Tubes - 26 degree	185.00	2,220.00
3		Iris Units for S4	69.00	207.00
12		Safety Cables	2.50	30.00
12		15' DMX Cables	28.00	336.00
7		Show Babies - Wireless DMX TrancieversW/cables&clamps	317.00	2,219.00
2		DXM Input Cover Plate	80.00	160.00
1		DMX Output Cover Plates	80.00	80.00
5		ETC Single Gang Surface Mount Back Boxes	35.00	175.00
3		25' DMX Cables	33.00	99.00
50	ft	Belden 9729	0.75	37.50
6		21' Lengths of 1.5" Steel Pipe	118.00	708.00
3		1.5" Easy Fit Pipe Couplings	16.50	49.50
400	40 feet	Chain Assemblies to hang connector strips 1/4" Alloy, blk	3.25	1,300.00
80		Screw Pin Anchor Shackels - Domestic Rated 5/16"	5.50	440.00
1		Musson Delivery, Unpacking, Testing, and Training - one day	1,100.00	1,100.00
Ygnacio Valley High				
1	E483ML E243ML	Dimmer Rack w/ Cross Bussed Aux Rack & Processor	4,220.00	4,220.00
20	-10	D20	287.00	5,740.00
2		R20	312.00 + 36.00	696.00
1		LMNT-60-250	4,799.00	4,799.00
2		P-1913	290.00	580.00
2		24' long connector strips containing:	742.50	1,485.00
		3 - L5-20R for Dimmed Circuits		
		8 - 5-20R Duplex outlets on 2 - 20A Circuits		
		1 - 5-20R single outlet on 1 - 20A Circuit		
1		40' long connector strip containing	1,314.00	1,314.00
		9 - L5-20R for Dimmed Circuits		
		16 - 5-20R Duplex outlets on 4 - 20A Circuits		
1		40' long connector strip containing:	1,314.00	1,314.00
		9 - L5-20R for Dimmed Circuits		
		16 - 5-20R Duplex outlets on 4 - 20A Circuits		
1		Preset 10 station w/ contact closure input	450.00	450.00
1		Power Transformer for Pre10	20.00	20.00

10		Color Source PAR - LED Wash Fixtures (5 per pipe)	495.00	4,950.00
10		Wide Oval Diffusers	18.50	185.00
10		Clamps	10.00	100.00
10		Safety Cables	2.50	25.00
10		15' DMX Cables	28.00	280.00
12		Color Source Spots - LED Spot Fixture (Front of House)	982.00	11,784.00
12		EDLT Lens Tubes - 26 degree	185.00	2,220.00
12		Safety Cables	2.50	30.00
12		15' DMX Cables	28.00	336.00
6		Show Babies - Wireless DMX Trancievers W/ Clamps&Cables	317.00	1,902.00
2		DXM Input Cover Plate	80.00	160.00
1		DMX Output Cover Plates	80.00	80.00
5		ETC Single Gang Surface Mount Back Boxes	35.00	175.00
3		25' DMX Cables	33.00	99.00
50	ft	Belden 9729	0.75	37.50
7		21' Lengths of 1.5" Steel Pipe	118.00	826.00
4		1.5" Easy Fit Pipe Couplings	16.50	66.00
260	26 Feet	Chain Assemblies to hang connector strips 1/4" Alloy, Blk	3.25	845.00
52		Screw Pin Anchor Shackels - Domestic Rated 5/16"	5.50	286.00
1		Musson Delivery, Unpacking, Training - one day	1,100.00	1,100.00

Bidder further agrees, in addition to the terms and conditions specified herein, the following terms and conditions that are a part of this bid and any resulting contract:

F.O.B. Point. All shipments shall be made F.O.B. destination, Concord, CA. F.O.B. destination indicates that the *seller* is responsible for shipment until it is tendered to the Mt. Diablo Unified School District. The District will not pay for shipping and handling, nor shall the District pay for any fuel surcharges that are not indicated herein.

Award. Bid award will be based on the lowest responsible bid price including any transportation charges, as well as any other criteria indicated in these specifications. The District reserves the right to make this bid award at any time up to one hundred eighty (180) days from the date of the bid opening.

Signatures. All information submitted by Bidder, including signatures, must be original. Copies will not be accepted.

Attention Bidders-Please Read Carefully

Please check your calculations before submitting your bid; the Mt. Diablo Unified School District will not be responsible for Bidder miscalculations.

Term of Offer. It is understood and agreed that this bid may not be withdrawn for a period of **ninety (90) days** from the Bid Submittal Deadline, and at no time in case of successful Bidder. **Bidder's Acknowledgement of His Understanding of the Terms and Conditions.** Signature below verifies that Bidder has read, understands, and agrees to the conditions contained herein and on all of the attachments and agenda.

October 30, 2015

Mount Diablo Unified School District
Attn: Bran Hunter
925-682-8000 ext 85617
hunter@mdusd.org

RE: Recommendations Regarding RFQ 1726, Theatre Lighting Equipment

Hello Mr. Hunter,

The following are my recommendations regarding alterations to this lighting package that I feel would be in the best interest of the schools. I have separated them into schools.

Concord High


- Dimmer and Relay Modules - Based on the specifications for the raceways, you have a total of (24) dimmed circuits, and a total of (11) Relay Circuits. By this math, you require a total of (12) D20 Dual Dimmer Modules, and a total of (6) R20 Relay Modules. It is my understanding that you intend to add additional circuits Front of House. With this in mind, my recommendation is that you purchase a total of (17) D20 Dual Dimmer Modules and (7) R20 Relay Modules to fully populate this rack.
- ETC Series II LED Light Engines – While these fixtures are the certainly the top of the line, it seems to me that if the ColorSource Spot is acceptable for Ygnacio Valley High School, then it should be acceptable for Concord High School. If you were to change this specification for Concord High to the ColorSource Spots, you could save substantial money. Hopefully, that money could be used to purchase more fixtures to improve the light plot for the stage.
- Quantity and Type of Lens Tubes – It is my recommendation that you switch from (12) fixtures at 26° to (9) fixtures at 26° and (3) fixtures at 19° for specials.
- Quantity of LED Light Engines – It is my recommendation that you increase the total number of LED Light Engines, whether you stick with the Source Four Series II or switch to the ColorSource Spots, to a total of (18) units, adding a total of (6) 30° units to suspend from the first onstage electric to provide a clean wash upstage.
- Wireless DMX - Please note that, per Addendum #2, we have added a 5' DMX control Cable and a C-Clamp to each Show Baby Wireless Transceiver.
- Wired DMX – The specification calls for (2) DMX inputs, presumably one in the house and one next to the Preset 10. It also calls for one output station, but we have no notion of where this might go or why. Also, you have requested (5) Backboxes for (3) devices. We recommend at least deleting (2) Backboxes.

- **Wired DMX** – I do not believe that 50' will be a sufficient number of feet to run this cable in conduit from the dimmer rack to the (2) Input stations, as required. Recommend this be investigated further, and specified more clearly. Or recommend a minimum order of 200'.
- **Chain** – Per your Addendum #1, you have requested 120' of chain. But it is unclear if this is for one school or per each school. If, as you state, you require 10' lengths per point, it is an insufficient amount of chain. We have provided the required amount of chain per point, at 10' lengths. That is 400' for Concord.

Ygnacio Valley High

- **Dimmer and Relay Modules** - Based on the specifications for the raceways, you have a total of (24) dimmed circuits, and a total of (14) Relay Circuits. By this math, you require a total of (12) D20 Dual Dimmer Modules, and a total of (8) R20 Relay Modules. It is my understanding that you intend to add additional circuits later. With this in mind, my recommendation is that you purchase a total of (16) D20 Dual Dimmer Modules and (8) R20 Relay Modules to fully populate this rack.
- **Quantity and Type of Lens Tubes** – It is my recommendation that you switch from (12) fixtures at 26° to (9) fixtures at 26° and (3) fixtures at 19° for specials.
- **Quantity of LED Light Engines** – It is my recommendation that you increase the total number of ColorSource Spots, to a total of (18) units, adding a total of (6) 30° units to suspend from the first onstage electric to provide a clean wash upstage.
- **Wireless DMX** - Please note that, per Addendum #2, we have added a 5' DMX control Cable and a C-Clamp to each Show Baby Wireless Transceiver.
- **Wired DMX** – The specification calls for (2) DMX inputs, presumably one in the house and one next to the Preset 10. It also calls for one output station, but we have no notion of where this might go or why. Also, you have requested (5) Backboxes for (3) devices. We recommend at least deleting (2) Backboxes.
- **Wired DMX** – I do not believe that 50' will be a sufficient number of feet to run this cable in conduit from the dimmer rack to the (2) Input stations, as required. Recommend this be investigated further, and specified more clearly. Or recommend a minimum order of 200'.
- **Chain** – Per your Addendum #1, you have requested 120' of chain. But it is unclear if this is for one school or per each school. If, as you state, you require 10' lengths per point, it is an insufficient amount of chain. We have provided the required amount of chain per point, at 10' lengths. That is 260' for Concord.

I hope this is helpful information. Please note that Musson can also provide design and installation services for the lighting plots for both schools at an additional fee.

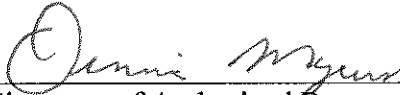


Dinna Myers / Sales Manager

Bidder hereby acknowledges receipt of Addenda Number(s) 1, 2, _____ and _____.

Representations Made Under Penalty Of Perjury. The representations herein are made under penalty of perjury. We hereby offer to sell the Mt. Diablo Unified School District the above item(s) at the prices shown and under the terms and conditions herein, attached, or incorporated by referenced.

MUSSON THEATRICAL, INC.
Bidder's Name (Person, Firm, Corp.)


Signature of Authorized Representative

890 WALSH AVE
Address

DINNA MYERS
Printed Name of Authorized Representative

SANTA CLARA, CA 95050
City, State, Zip Code

SALES MANAGER
Title of Authorized Representative

1-800-834-2837
Telephone Number

DMYERS@MUSSON.COM
E-Mail Address

408-986-9552
Facsimile Number