



**Kentfield Production Lighting Fixtures
Project # 16-0525**

Marin Community College District

**Proposal Due Date: received by 3:00 p.m. Monday, June 13, 2016
1800 Ignacio Blvd., Bldg. #8
Novato, CA 94949**

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1.1 NOTICE INVITING BIDS

1. Notice is hereby given that the Governing Board ("Board") of the Marin Community College District ("District"), of the County of Marin, State of California, will receive sealed bids for the **Kentfield Production Lighting Fixture Project #16-0525** ("Project") up to, but not later than, **3:00 p.m. Monday, June 13, 2016**, and will thereafter publicly open and read aloud the bids. All bids shall be received at the office of the **District Buyer, located at College of Marin, Indian Valley Campus, 1800 Ignacio Blvd., Building 8, in AS Room 130, in Novato, California, 94949**. Bid opening will occur on the date and time stated above at the College of Marin, Indian Valley Campus, 1800 Ignacio Blvd., Administrative Services Building 8, in Room 130, at Novato, California, 94949.
2. Substantial Completion: Fixtures must arrive on site no later than July 27, 2016. Failure to achieve Substantial Completion with the Contract time will result in the assessment of Liquidated Damages of **\$200/calendar day** as detailed in the General Conditions, Section 22.
3. A summary of this bid include services related to the furnishing of production lighting fixtures and accessory lighting equipment.
4. Each bid shall be completed on the Bid Proposal Form included in the Contract Documents, and must conform and be fully responsive to this invitation, the plans and specifications and all other Contract Documents. The Contract Documents are available for review at the College of Marin, Indian Valley Campus, 1800 Ignacio Blvd., Administrative Services Building 8, Room 130, in Novato, California. **Note: It is the responsibility of the bidder to make sure that the bid is delivered to the address listed above. Please be informed that UPS does not deliver directly to this physical address.**
5. No bid may be withdrawn for a period of sixty (60) days after the date set for the opening for bids except as provided pursuant to Public Contract Code §§5100 *et seq.* The District reserves the right to reject any and all bids and to waive any informalities or irregularities in the bidding.
6. Minority, women, and disabled veteran contractors are encouraged to submit bids. This bid **is not** subject to Disabled Veteran Business Enterprise requirements.

MARIN COMMUNITY COLLEGE DISTRICT

By: Greg Nelson, Vice President, Finance & College Operations

DATED: May 25, 2016

Publication Dates: 1) May 26, 2016

2) June 2, 2016

1.2 INSTRUCTIONS TO BIDDERS

1. Each bid submitted to the Marin Community College District ("District") for **Kentfield Production Lighting Fixture Project #16-0525**, shall be in accordance with the following instructions and requirements, which are part of the Contract Documents for this Project.
2. Deadline for Receipt of Proposals. Each bid shall be sealed and submitted to the District Buyer no later **than 3:00 p.m. Monday, June 13, 2016**. The District suggests that bids be hand delivered in order to ensure their timely receipt. Any bids received after the time stated, regardless of the reason, shall be returned, unopened, to the bidder. The Buyer office is located at College of Marin, Indian Valley Campus, **1800 Ignacio Boulevard, Building 8, Room 130, in Novato, California, 94949**.
3. Include applicable sales tax or use tax to the quoted price.
4. Include Shipping with insurance in the price
5. Complete Appendix A1 and A2 at the end of the bid document is to be completed and submitted along with 1.3 Bid Proposal Form.

1.3 BID PROPOSAL FORM

Governing Board

Marin Community College District

Dear Members of the Governing Board:

The undersigned, doing business under the name of:

_____, having carefully examined the location of the proposed work, the local conditions of the place where the work is to be done, the Notice Inviting Bids, the General Conditions, the Instructions to Bidders, the Plans and Specifications, and all other Contract Documents for the **Kentfield Production Lighting Fixture Project #16-0525**, ("Project"), and having accurately completed the Bidder's Questionnaire, proposes to perform all work and activities in accordance with the Contract Documents, including all of its component parts, and to furnish all required labor, materials, equipment, transportation and services required for the performance of the Project in strict conformity with the Contract Documents, including the Plans and Specifications as follows:

BASE BID:

For the sum of:

_____ Dollars

(\$ _____)

Contractor agrees to commence the work within the time specified in the Notice to Proceed. It is understood that this bid is based upon completing the work within the number of calendar days specified in the Contract Documents.

ADDENDA:

Receipt of the following addenda is hereby acknowledged:

Addendum # _____ Dated: _____ Addendum # _____ Dated: _____
Addendum # _____ Dated: _____ Addendum # _____ Dated: _____

Respectfully Submitted,

Company: _____

Address: _____

By: _____

(Please Print or Type)

Signature: _____

Title: _____

Date: _____

Phone: _____

Contractor's License No: _____ Expiration Date _____

Required Attachments:

Appendix A1
Appendix A2

SECTION 11 61 84

PRODUCTION LIGHTING FIXTURES

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Services as listed herein and related to the furnishing of production lighting fixtures and accessory lighting equipment.

1.02 LINE ITEM PRICING

- A. Provide line-item pricing on equipment list for review by owner.

1.03 RELATED SECTIONS

- A. Coordinate with the following sections in carrying out this work:
 - 1. Division 1 – General Conditions
 - 2. Division 26 – Electrical
 - 3. Section 26 05 35 – Theatrical Systems Electrical Installation

1.04 REFERENCES

- A. Comply with all national, state and local regulations. In the event of conflict between these specifications and the applicable regulations, the more stringent shall govern.
- B. Equipment shall be provided per the related trade and regulatory guidelines including but not limited to UL, CEC, IEEE, and all manufacturer's recommendations and requirements. Contractor shall be responsible in the event that work under their control voids or jeopardizes manufacturers' warranties.
- C. Labor shall be provided per applicable labor regulations and practices.

1.05 DEFINITIONS

- A. Refer to Div. 1 for definitions.
- B. Theatre's Representative: For the scope in this Section, authorized personnel representing College of Marin and The Shalleck Collaborative, Inc., Theatre Consultants.

1.06 SYSTEM DESCRIPTION

- A. Provide fixture and accessories as indicated in the equipment list.

1.07 CURRENT TECHNOLOGY

- A. Only the most current hardware and software shall be provided. In no case will discontinued or superseded products be acceptable. If the manufacturer has developed and successfully released products that meet or exceed the criteria within this specification, the Contractor shall notify the Theatre's Representative and submit the new product for review. If accepted, the products will be provided at no additional cost to the Theatre. Software upgrades and authorized support services for its proper integration into the system shall be provided at no cost to the Theatre throughout the warranty period.
- B. In the event of known product defaults or recall, the Contractor shall immediately notify the Theatre and Theatre's Representative and make immediate arrangements for remedy.
- C. None of the stipulations herein shall be grounds for revision to the project schedule.
- D. See related procedures under Warranties in this Section.

1.08 SUBSTITUTIONS

- A. All requests for substitutions from the specified materials, assemblies or related services shall be submitted for review by the Theatre's Representative prior to bid. Substitution requests made after bid shall be neither reviewed nor accepted. Requests shall be made in accordance with Division 1 of the specifications, and in a timely fashion so as to not affect the project schedule in either case of the substitution being accepted or rejected.

- B. Documentation for the substitution shall be submitted with supporting material and shall including the related information for the item as specified so that equivalence can be demonstrated. The burden of proof rests solely upon the Contractor. The Theatre's Representative shall be the sole evaluator of the fitness of the substitution.
- C. All expenses related to the substitution including, but not be limited to, all fees and expenses incurred in the evaluation of the substitution, and any effect on the costs and schedule of other trades whether or not the substitution is accepted, shall be borne by the Contractor.

1.09 SUBMITTALS

- A. Submittals shall be made in accordance with Division 1.
- B. If permitted under Division 1, all submittals shall be made in electronic format.
 - 1. Files shall be in .pdf format, and submitted via email, download, CD or DVD.
- C. Submittals shall be made in a timely fashion so as to not affect the project schedule, and shall allow for adequate time for review and resubmittal. Partial submittals shall not be acceptable and shall be returned without review.
- D. Submittals shall be reviewed and field dimensions verified prior to commencing acquisition for, and fabrication of the work in this section. All services and parts of the work in this section shall be verified through the submittal process.
- E. Shop Drawings:
 - 1. Submit scaled shop drawings that show the following:
 - a. Product Data
 - 2. Submit data sheets for all standard component parts, which shall include all information necessary to verify compliance with this Section.
- F. Samples:
 - 1. Upon 14 days of request by the Theatre's Representative, submit samples for review. Samples may include, but are not limited to: (not electronic)
 - a. Connector, panel and cable assemblies
 - b. Dimmer modules
 - c. Panel finish samples
- G. Record Documents:
 - 1. At time of final acceptance, submit regulatory listings and certifications as required by prevailing building codes.
 - 2. Within 30 days, submit "as built" submittals including shop drawings, product data, operations and instructions manuals for all products provided, CD(s) of control systems programming, care and maintenance instructions, service line and online contacts and warranty documents.

1.10 WARRANTY

- A. Warranty shall provide coverage of material and product defects and assembly workmanship or installation for a period of two years following the date of acceptance by the Theatre.
- B. Items under warranty shall be serviced to the satisfaction of the Theatre with 14 days of notification to the Contractor. If warranty claims are not serviced to the satisfaction of the Theatre within the 14 day period, the Contractor shall bear all costs that arise as a result of the delay, including, but not limited to, the use of temporary replacement components, additional Theatre's staffing or overtime, shipping, cancelled uses or performances.

1.11 QUALITY ASSURANCE

- A. Equipment in this Section shall be provided by specialty subcontractors and manufacturers meeting the qualifications listed herein.
- B. Specialty subcontractor shall have been continuously engaged in the sales and integration of lighting control equipment similar to that specified herein for a minimum of

ten years.

1. Manufacturer shall have been continuously engaged in the manufacturing of lighting control equipment similar to that specified herein for a minimum of ten years.
- C. Specialty suppliers shall have at time of bid and continuously maintain throughout the project and warranty period a CA Specialty Contractor's license appropriate for the work in this Section: CA C-61 license with D34-A subcategory classification.
- D. Specialty subcontractors shall have within their employ; manufacturer's factory authorized field services technicians within a four hour travel distance from the Project site.
- E. All equipment shall be UL listed and bear the appropriate labels.

1.12 DELIVERY, STORAGE AND HANDLING

- A. Packing shall prevent damage to the equipment during transit. Costs to repair or replace all equipment damaged during the course of the contract services shall be borne by the Contractor.
- B. Do not deliver materials in this Section until building is ready for installation. Contractor is responsible to properly sequence the work and to protect from damage during delivery, handling, storage and installation.
- C. Contractor is responsible to coordinate and provide secure and protected storage as required for the execution of the Contract.
 1. Devices shall not be delivered to the project site until the project is suitably clean and all adjacent finish work that may be painted or produce dust has been completed. The contract shall provide and maintain complete protection of all devices until the project has been made available for occupancy by the Theatre. The Contractor shall thoroughly clean and remove any dirt or dust that infiltrates system components and be responsible for timely replacement of any damaged components.

1.13 PROJECT CONDITIONS

- A. Defects in the field which may impact the work in this Section shall be reported to the Theatre's Representative and corrected in accordance with the requirements of the applicable Section of work prior to commencement of the work in this Section.

PART 2 - PRODUCTS

2.01 PRE-APPROVED SPECIALTY SUBCONTRACTORS

- A. The following production systems specialty subcontractors have been pre-approved for bidding for the work in this section:

Holzmueller Productions
1000 25th St
San Francisco, CA 94107
Tel. (415) 826-8383
Contact: Jim Schelstrate or Michael Hamlin

Musson Theatrical
890 Walsh Ave
Santa Clara, CA 95050
Tel. (408) 986-0210
Contact: Dave Rimerman or Dinna Myers

Sacramento Theatrical Lighting
950 Richards Blvd.
Sacramento, CA 95814
Tel. (800) 283-2785
Contact: Steve Odehnal or Bobbie Odehnal

- B. All other specialty subcontractors must be approved prior to bid. Other contractors seeking acceptance must submit the following information at least 2 weeks prior to the bid opening date. Approval of contractors will be by addenda. Failure to submit any of the required information will automatically disqualify the contractor from consideration of approval.
 - 1. A listing of five equivalent installations including:
 - a. Name, address and telephone number of Owner;
 - b. Name, address and telephone number of Theatre Consultant;
 - c. Scope of work.
 - d. A brief written description of the contractor's operation including facilities, financial capabilities, and experience of key personnel.
 - e. A statement from a bonding company agreeing to provide the required bonds in the amount required for the project.
- C. Permission to bid does not imply acceptance of the specialty subcontractors. It is the sole responsibility of the contractor for this Section to ensure that any price quotations received and submittals made are for control systems that meet or exceed the specifications.

2.02 MANUFACTURERS

- A. Lighting equipment in this Section shall be provided by specialty manufacturers providing products meeting the specifications herein.
- B. Lighting equipment in this Section shall be the products of the following pre-approved manufacturers:
 - 1. Electronic Theatre Controls
 - 2. Altman Lighting
 - 3. Others as noted
- C. All other manufacturers must be approved by the Theatre's Representative prior to bid.
- D. Permission to bid does not imply acceptance of the manufacturer. It is the sole responsibility of the contractor for this Section to ensure that any price quotations received and submittals made are for controls systems that meet or exceed the specifications.

2.03 MATERIALS

- A. All components supplied under this Section shall be new. Used or factory reconditioned components shall not be acceptable.

2.04 PRODUCTION LIGHTING FIXTURE PACKAGE

- A. Provide a complete production lighting fixture package, with quantities and accessories as indicated in the equipment list.
- B. Fixture preparation:
 - 1. Fixtures shall be delivered to the site in a ready to hang state.
 - a. Connector shall be prewired
 - b. Lamp shall be installed and bench focused.
 - c. C-clamp shall be installed
 - d. Safely cable attached around the yoke.
- C. Connectors
 - 1. All fixtures shall be pre-wired with stage pin style male connectors, unless otherwise noted.

- D. C-clamps
 - 1. Each fixture yoke shall be provided with an industry standard cast iron C-clamp for each yoke or trunion, unless otherwise noted.
 - 2. Safety cables
 - 3. Each fixture yoke shall be provided with a black wire rope safety cable with eye and snap hook affixed with compression fittings.
 - a. Provide one for each fixture
 - b. Provide two for each striplight
 - c. Provide spares.

2.05 CABLE

- A. Provide cable in quantities, lengths, and types as shown on equipment list.
- B. Labeling:
 - 1. For every cable and 2-fer, provide 3" clear shrink wrap located 6" from one end with a heat-shrink label reading "College of Marin Theatre."
 - 2. In addition, at each end one shrink wrap piece shall be shrunk over single or multiple bands of colored cloth or electrician's tape at each end of the cable per each the length of cable as listed below. Multiple bands shall be separated by a single width of the color tape, using the following code for cable length determination:
 - a. 5'-0" - red band at each end
 - b. 10'-0" - yellow band at each end
 - c. 25'-0" - two yellow bands and one red band at each end
 - d. 50'-0" - one orange band at each end
 - e. Tape color scheme shall be verified with owner before production.
- C. 20A rated stage extension cable
 - 1. All 2P&G and Powercon connectors of the same manufacturer and type as those on the fixtures. Connectors shall provide clamping strain relief that tightly engages the cable jacket. Visible leads shall not be acceptable.
 - 2. Strain relief mechanism shall be fully engaged.
 - 3. Connectors shall be modern style Bates, ProPin, or Union.
 - 4. Cable shall be of neoprene covered, black, heavy duty SO, SOW or better three-wire 12/3 cable. Internal wiring shall be sized to circuit ampacity and shall be rated at 125°C.
- D. Two-fers
 - 1. Provide molded Y adapters of neoprene covered, black, heavy duty SO, SOW or better three-wire 12/3 cable. Internal wiring shall be sized to circuit ampacity and shall be rated at 125°C.
- E. Control cabling
 - 1. Cable assemblies shall be heavy touring grade TMB ProPlex cable or similar.
 - 2. Cables for S4WRD device shall be suitable for connection to device. Confirm proper connector and cable type to properly engage on-device strain relief.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. For the commissioning services as listed herein only, remove all packing materials from the jobsite. Insert operations and maintenance information into the project record documents as specified above in Submittals.

3.02 COMMISSIONING AND DEMONSTRATION

- A. Coordinate with Division 26.
- B. Upon delivery, the Contractor shall notify the Theatre's Representative that the package is available for formal checkout. Notification shall be provided in writing. Checkouts shall be scheduled in accordance with the Theatre's Representative's schedule.

- C. The Contractor shall be liable for any return visits by the Theatre's Representative as a result of an incomplete or incorrect package, or erroneous representation that the Systems are complete and ready for the Theatre's Representative to carry out their work.

3.03 APPENDIX

- A. 11 61 84A – LIGHTING FIXTURE PACKAGE

College of Marin Theatre
Production Lighting Fixtures
116184-A Appendix
Notes: "A/R" = As Required

REF	DESCRIPTION	MFR	MODEL	QTY	NOTES	BID PRICE
Production Lighting Fixtures						
1CF	LED Ellipsoidal spotlight, base	ETC	S4 Series 2 Lustr+	20		
2CF	LED Par Fixture	ETC	D60 Vivid	24	LED PAR fixture	
3CF	LED Work Light	Altman	LED Work Light	6		
Production Lighting Fixture Lenses						
1LN	Ellipsoidal spotlight lens - 19 degree	ETC	419-EDLT	10		
2LN	Ellipsoidal spotlight lens - 26 degree	ETC	426-EDLT	10		
3LN	Ellipsoidal spotlight lens - 36 degree	ETC	436-EDLT	10		
4LN	Ellipsoidal spotlight lens - 50 degree	ETC	450-EDLT	10		
5LN	Ellipsoidal spotlight lens - 70 degree	ETC	470LT	6		
6LN	PAR Lens, Medium Oval	ETC	SEL0M-9	48	For D60 fixtures	
Spares & Fixture Add-ons						
1SP	Stage Pin Connector	Contractor	Contractor	A/R	1.1 x number of fixtures	
2SP	C-Clamp	Contractor	Contractor	A/R	1.1 x number of fixtures	
3SP	Safety Cable, Black	Contractor	Contractor	A/R	1.5 x number of fixtures	
Accessories						
1ACC	Iris, Source 4	City Theatrical	Contractor	4	Drop In	
2ACC	Barn Door, PAR	City Theatrical	Contractor	24	For D60 fixtures	

College of Marin Theatre
Production Lighting Fixtures
116184-A Appendix
Notes: "A/R" = As Required

REF	DESCRIPTION	MFR	MODEL	QTY	NOTES	BID PRICE
Cable						
1C	Stage Pin to Powercon Cable, 5'	Contractor	Contractor	20		
2C	Stage Pin to Powercon Cable, 10'	Contractor	Contractor	30		
3C	Stage Pin to Powercon Cable, 25'	Contractor	Contractor	10		
4C	Stage Pin to Powercon Cable, 50'	Contractor	Contractor	5		
5C	Powercon to Powercon Cable, 5'	Contractor	Contractor	20		
6C	Powercon to Powercon Cable, 10'	Contractor	Contractor	30		
7C	Powercon to Powercon Cable, 25'	Contractor	Contractor	10		
8C	5-pin DMX Cable, 5'	TMB	ProPlex	30		
9C	5-pin DMX Cable, 10'	TMB	ProPlex	30		
10C	5-pin DMX Cable, 25'	TMB	ProPlex	20		
11C	Stage Pin Two-Fer, Molded	Contractor	Contractor	25		
12C	Stage Pin Connector, Female	Contractor	Contractor	10		
13C	Stage Pin Connector, Male	Contractor	Contractor	10		
14C	Orchestra Light Stringer	LEX	20A E-String	6	(6) NEMA 5-15 Receptacles	
15C	Stage Pin to Edison Adapter	Contractor	Contractor	3		
16C	5-pin XLR to RJ45 Adapter, 10'	Contractor	Contractor	1	S4WRD daisy-chain	
END OF SECTION						