



Sacramento Metropolitan Fire District

HEADQUARTERS: 10545 Armstrong Ave., Ste. 200 • Mather, CA, 95655 • Phone (916) 859-4300 • Fax (916) 859-3702
Website: www.metrofire.ca.gov

PURCHASING: 3012 Gold Canal Dr. • Rancho Cordova, CA, 95670 • Phone (916)859-4360 • Fax (916) 859-3729

KURT P. HENKE
Fire Chief

REQUEST FOR FORMAL BID FB13-15

The Sacramento Metropolitan Fire District is requesting written Bids for: **LED Lighting Fixtures**

SUBMIT SEALED WRITTEN BID TO:

Sacramento Metropolitan Fire District
Attn: Sherry Kelly, Interim Board Clerk
10545 Armstrong Ave., Ste. 200
Mather, CA 95655

Indicate firm name and RFFB number on the front of each sealed Bid envelope or package

FB13-15

District shall not be responsible for the premature opening of a Bid, which is not properly addressed or identified. All Bids received will be stamped by date and time received. This date of receipt will prevail over postmark date.

ANY QUESTIONS REGARDING THE RFFB SHOULD BE SUBMITTED VIA EMAIL TO:

Mark Jones, Purchasing Manager
jones.mark@metrofire.ca.gov

RFFB SCHEDULE:

	Date	Time	
Issued Date	11-22-13		
Questions Deadline	11-26-13	4:00 pm	
Submission Deadline	12-4-13	4:00 pm	District Headquarters
Bids Opening	12-5-13	10:00 am	District Headquarters
Anticipated Recommendation for Board Approval	12-6-13		
Anticipated Board Approval	12-12-13	6:00 pm	
Anticipated Award Notification	12-13-13		

NO EXCEPTIONS

Late submittals will not be considered. Written Bids must be received by the time and at the location specified above. Postmarks will not be accepted. Bids addressed to anyone other than the person specified above under "Submit Sealed Written Bid To," section will not be accepted.

Filled Out by Vendor

Signature: _____ Title: _____ Date: _____

Print Name: _____ Company name: _____

INTRODUCTION

The Sacramento Metropolitan Fire District is seeking bids to purchase lighting in our Logistics Facility located at 3012 Gold Canal Drive, Rancho Cordova Ca. 95670

PURPOSE

The purpose of this lighting upgrade is to replace inefficient old technology lighting with newer LED lighting.

ITEMS REQUESTED

Quantity: 35 light fixtures

- Manufacture – Industrial Lighting Products
- Model number - High Bay 150 Watt LED-5000K – with Wide Distribution Reflector
- Lumen output – 17,456lm
- Universal Driver – 120-277 Volt
- Board (LG Chip) – 6 X 66
- Mounting – V – Clips for dual point chain or cable hanging
- Total Input Watts – 170.6W
- Aluminum Body with Steel Channel for added rigidity
- Tool-less hinged bottom ballast access door
- Correlated Color Temperature – 5000K
- 99,000 Hour Estimated L70 Life
- 5 year warranty
- DesignLights Consortium Qualified
- High Gloss Polyester white Paint

Must include shipping to 3012 Gold Canal Drive Rancho Cordova CA, 95670

RESTRICTION ON COMMUNICATION WITH STAFF

All questions about this Bid must be submitted in writing and include the company name. Questions must be in writing to Mark Jones, Purchasing Manager by email jones.mark@metrofire.ca.gov.

All questions must be submitted by **11-26-13**. Any questions received after this time will not be addressed. No questions other than written will be accepted.

COSTS OF PREPARATION

Bidder assumes all costs of preparation of the Bid and any presentations necessary to the Bid process

INVOICING AND TERMS

- Vendor must accept a purchase order from the District with Government net 45 day payment terms.
- Invoices shall be submitted to: SMFD Finance Division, 10545 Armstrong Ave., Ste. 200, Mather, CA 95655

The District intends to award the Bid to the most responsive and responsible bidder, to be considered responsive:

1. All pages of the RFFB shall be signed and all forms filled out by the responsible officer or employee.
2. Submit Bid as outlined in Bidders Submission Instructions.

Filled Out by Vendor

Signature: _____ Title: _____ Date: _____

Print Name: _____ Company name: _____

OPENING OF BIDS:

The Bids will be opened publicly and read aloud. Vendors are welcome to attend Bid openings. Bid openings will be listed by vendor name, address and Bid amount.

CONTACT INFORMATION FORM

Check one Sole Owner Partnership Corporation

Firm Name: _____

Products/Services Provided _____ Business License# _____

Address: _____ City: _____ St _____ Zip-Code _____

Contact Name: _____

Title: _____

Email: _____

Phone: _____ Fax: _____

QUOTE

Provide quote for 35 lights as described on page 2 of this document.
Cut sheet is attached

Price _____

Sales Tax _____

Shipping _____

Notes _____

Filled Out by Vendor

Signature: _____ Title: _____ Date: _____

Print Name: _____ Company name: _____

BIDDER SUBMISSION INSTRUCTIONS

SUBMISSION PACKET

To successfully submit a Formal Bid, Bidders are required to submit a sealed Bid packet to the location specified in the "Submit Sealed Written Bid To" on page 1. The Bid packet shall contain the following documentation:

- The "Request For Formal Bid Document" with signature, title, date, printed name and company name at the bottom of each page indicating that the formal Bid document, including attachments, were received and read.
- Proposer must submit three (3) copies of its response, one (1) clearly marked "Original," the other two (2) clearly marked "Copy."
- Bidder is required to provide contact information to receive any Bid amendments and changes prior to closing.
 - Bidder shall email Mark Jones at jones.mark@metrofire.ca.gov, stating intentions to submit Bid prior to the closing date.
 - Contact information should include: vendor's name, representatives' name, phone number, fax number and/or e-mail. Failure to provide initial contact information will exclude you from receiving update notifications.
- Unless otherwise stated, it will be our understanding that all specifications requested in RFFB will be met. Unwillingness or inability to comply with any specific provisions in the RFFB may result in the Bid being rejected.

SUBMISSION METHOD

Sealed Bids shall be submitted using one of the following methods:

- In Person – hand delivered to the Sacramento Metropolitan Fire District to the address provided in the "Submit Written Bid To" section.
- By mail - using certified or registered mail with return receipt requested, or by overnight delivery services to the address provided in the "Submit Written Bid To" section. Bid must be received by deadline.
- Faxed or e-mail Bids will not be accepted.

FILLED OUT BY VENDOR

Signature: _____ Title: _____ Date: ____/____/____
 Print Name: _____ Company name: _____

PROJECT NAME:	
CATALOG NUMBER:	FIXTURE TYPE:
VOLTS/WATTS:	LUMENS/BOARD:



HIGH BAY - 150W LED

PREMIUM HIGH BAY

99,000 Hour Estimated L70 Life ⁽¹⁾
102 lm/W Delivered

FEATURES

- Aluminum Body with Steel Channel for Added Rigidity
- Tool-Less Hinged Bottom Ballast Access Door
- 95% Enhanced Aluminum, Wide Distribution Reflectors (Std)
- Frosted or Polycarbonate Lens Options
- High Gloss Polyester White Paint
- Riveted Construction
- Vented Ballast Channel
- User Selectable Dimming Control (DIM Opt) used in Conjunction with a Sensor Control to Fully Adjust Unoccupied Light Levels
- 5000K Color Temp (Std)
- 5 Year Warranty
- ETL Damp Listed
- DesignLights Consortium[®] Qualified ⁽²⁾



LED SYSTEM

Board (LG Chips)	6 x 66
Calculated L70 (TM-21)	99,000 hours
Delivered Lumens	17456 lm
Total Input Watts	170.6 W
Luminaire Efficacy Rating (LER)	102.3 lm/W
Correlated Color Temperature (CCT)	5000 K
Color Rendering Index (CRI)	> 80
Max Ambient Temp	130° F ⁽³⁾
Universal Dimmable Driver	120-277 V

⁽¹⁾ LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient
⁽²⁾ Specific Configurations Listed on DLC. ⁽³⁾ Max ambient temp applies to standard driver installed.

SUITABLE APPLICATIONS

- Warehouse
- Distribution
- Manufacturing Plant
- Gymnasium



ORDERING GUIDE:

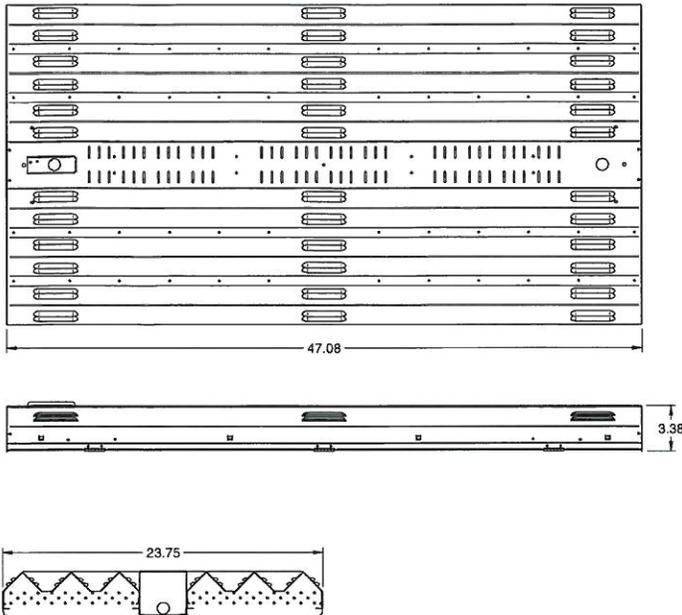
HB	150WLED	UNIV	5000K	eg FIOS- WC
Series	LED	Driver	Color	Options

<input type="checkbox"/> HB	High Bay 4ft	<input type="checkbox"/> 150WLED	6x66 Board	<input type="checkbox"/> UNIV	120-277 Driver	<input type="checkbox"/> 4000K	<input type="checkbox"/> 5000K*	<input type="checkbox"/> CORDX	Cord (x = ft)
								<input type="checkbox"/> PLUGX	Plug (x = Type, eg. L715P)
								<input type="checkbox"/> FRL	Frosted Acrylic Lens
								<input type="checkbox"/> PCL	Polycarbonate Lens
								<input checked="" type="checkbox"/> WD	Wide Distribution Reflector
								<input type="checkbox"/> ND	Narrow Distribution Reflector
								<input type="checkbox"/> N	No Reflectors
								<input type="checkbox"/> LEDBB	LED Battery Backup (May reduce max ambient)
								<input type="checkbox"/> QDCX	Quick Disconnect Cord (x = ft)
								<input type="checkbox"/> SD480	480V Step Down Transformer
								<input type="checkbox"/> WC	11 Ga Wire Cage
								<input type="checkbox"/> HB-XX-PAD	Y-Toggle Cable System (xx = in)
								<input type="checkbox"/> FIOS	Factory Installed Occupancy Sensor
								<input type="checkbox"/> DIM	User Selectable Dimming Control (must be used in conjunction with sensor control)

*DLC Listed Configuration

HIGH BAY - 150W LED

PREMIUM HIGH BAY



MOUNTING OPTIONS

- **V-Clips** for dual point chain or cable hanging
- **Y-Toggle Cable Kit** - Includes 2 adjustable cable hangers
- **KOs** for dual point pendant mount
- **Mounting Kit** - Includes rigid box to attach to the fixture, provides for single point mounting to accept a pendant, hook, or conduit hub.

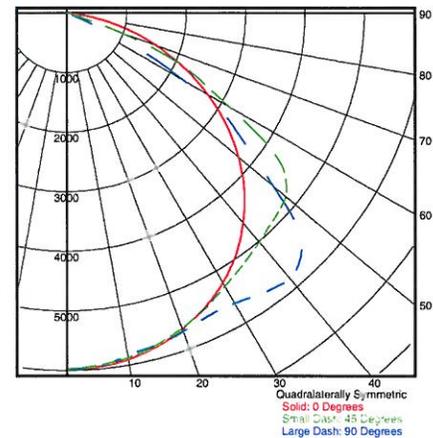
HB-150WLED-UNIV

LUMINAIRE OUTPUT = 17440 LM
120.0 VAC, 1425.1 mA, 170.6 W, 0.9963 PF

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	100.0 %
EFFICIENCY (Uplight):	0.0 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg.):	1.30
SPACING CRITERION (90-Deg.):	1.48
LUMENS/LAMP:	17482
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR	
Width:	1.90 (Feet)
Length:	3.96
Height:	0.00
INPUT WATTS:	170.6

PLANE AND CONE DIAGRAM



Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

Industrial Lighting Products

lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	17456
Watts	170.6
Lumens per Watt (Efficacy)	102

Color Accuracy Color Rendering Index (CRI)	86
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Light Color
Correlated Color Temperature (CCT)

5416 (Daylight)

2700K
3000K
Bright White
4500K
Daylight
6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: BCYC-K1TR25 (2/8/2015)
Model Number: HB-150W-LED-UNIV-UPGRADE (02/04/2015)
Type: High bay and Low bay fixtures