

DATE: 11/02/2018

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00124703

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR: \_\_\_\_\_

BUYER: DABRAHAM

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

<b>DELIVERY: FOB JEFFERSON PARISH</b>	
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<u>7-14 DAYS</u>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	_____
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	_____

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: #1

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

<b>*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***</b>	
FIRM NAME: <u>CRAWFORD ELECTRIC SUPPLY</u>	
SIGNATURE: (Must be signed here) <u>Loni Spurluck</u>	TITLE: <u>Operations Mgr</u>
PRINT OR TYPE NAME: <u>LONI SPURLUCK</u>	
ADDRESS: <u>200 L + A ROAD</u>	
CITY, STATE: <u>METairie, LA.</u>	ZIP: <u>70001</u>
TELEPHONE: <u>(504) 731-0480</u>	FAX: <u>(504) 731-0490</u>
EMAIL ADDRESS: <u>JLEBLAT@CESCO.LTD.COM</u>	

TOTAL PRICE OF ALL BID ITEMS: \$ 3351.76

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00124703

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	12.00	EA	A purchase of blowers, LED fixtures, conduit fittings, etc. for the Department of Sewerage  0001 - Fitting, conduit, 1/2 inch, type C, FM7, Grayloy-iron body	15.50E	186.00
2	12.00	EA	with wedge-lok clip cover and gasket, Appleton no. C17 (0876050) <i>CROUSE HINDS C17</i>	2.98E	35.76
3	16.00	EA	0002 - Coupling, electrical conduit, rigid, aluminum, female iron pipe thread, 1 inch (0878320)	—	—
4	30.00	EA	0003 - Rail din, 36 inch length, Idec brand No. BNDN1000  Deutsches institute fur normung (0878880)	111.00E	3330.00
5	6.00	EA	0004 - Fixture, LED, wall pack, outdoor general purpose, 2000 lumens, recommended mounting height 10 to 15 feet, Acuity Lithonia Lighting no. TWR1 led 1 50K mvolt (0881210) <i>TWR 1 LED P250K MVOLT DPBTXDM2</i>	—	—
6	6.00	EA	0005 - Blower, shaded pole, 1/12 hp, 115 volt, 1650 RPM, auto thermal protection, 6-3/16 inch wheel diameter, 485 CFM (0891720)	—	—
6	6.00	EA	0006 - Blower, 1/2 HP, American Fan no. AF-9-B10127-5 (0891790)	—	—

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at [www.jeffparishbids.net](http://www.jeffparishbids.net) to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

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FOB DELIVERED

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.



**JEFFERSON PARISH**  
Department of Purchasing

Michael S. Yenni  
Parish President

Renny Simno  
Director

November 6, 2018

ADDENDUM #1 ✓

Bid No.: 5000124703

Original Bid Opening Date: 11-8-18  
Postponed to: 11-15-18

**For: Cancellation of Line Item # 0006**

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Q1. Being told by Manufacturer on item #0006...In order to provide a quote for this blower we will need the code number from the name plate.

A1. This item is being cancelled per this addendum.

Line # 0006 – Blower, ½ HP, American Fan no. AF-9-B10127-5

Sincerely,

Doris Abraham

Buyer Name, Buyer I  
Jefferson Parish Purchasing Department

**Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.**

**This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.**

Gasket and Covers on page 7



### Application:

Conduit outlet bodies are installed in conduit systems to:

- act as pull outlets for conductors being installed
- provide openings for making splices and taps in conductors
- act as mounting outlets for lighting fixtures and wiring devices
- connect conduit sections
- provide taps for branch conduit runs
- make 90° bends in conduit runs
- provide for access to conductors for maintenance and future system changes

### Features:

#### Conduit Outlet Bodies

- Form 7 Condulet outlet bodies approach conduit in size for neat, compact installations.
- Form 8 and Mark 9 bodies provide more room for heavier conductors
- Many shapes and sizes are available for rigid threaded conduit – see complete listings on page 6.
- Conduit hubs have tapered threads and feature integral bushings for protection of wire insulation.
- Form 7 has exclusive snaptight and wedge-nut cover attachment to provide clear, unobstructed cover opening.
- Built-in rollers on all Form 5 1¼" to 4" C and LB bodies to facilitate wire pulling.
- Series 5 bodies available in optional configuration with set screws on hubs for EMT conduit (add suffix -MT to catalog number).

#### Gaskets

- Solid gaskets:
- are used with blank covers
  - for Mark 9 and Form 5, can be converted to open type gaskets by tearing out center section along scored lines – ½" to 2" sizes
  - for Form 7 are used with all covers
- Open gaskets:
- for Form 8 – ½" to 4" sizes
  - for Mark 9 – 2½" to 4" sizes

#### Blank Covers

Stainless steel cover screws are standard on Form 7, Form 8, Mark 9, Series 5 and Form 5 covers.

- Form 7

Wedge nut design facilitates installation and removal. Nuts are held captive in cover. Covers can be used with or without gaskets.

SNAPTIGHT™ Form 7 Covers with integral sealing gaskets are installed without the use of screws, reducing installation time and costs. Covers are reusable.

- Form 8

Two cover screws provided on all sizes to provide tight cover and gasket assembly. *Feraloy* iron alloy covers have dome shapes for added strength and extra wiring room.

- Mark 9

Self-retaining cover screws.

### Standard Materials:

- Form 7, Form 8 outlet bodies – *Feraloy* iron alloy
- Mark 9 outlet bodies – copper-free aluminum
- Form 5 – malleable iron
- Series 5 – die cast aluminum

### Standard Finishes:

- Form 7, Form 8 outlet bodies – electrogalvanized with aluminum acrylic paint
- Mark 9 outlet bodies – natural
- Form 5 – electrogalvanized with aluminum acrylic paint
- Series 5 – aluminum acrylic paint

### Options:

Description	Suffix to be Added to Cat. #
Form 7 body and cover only:	
Copper-free aluminum.....	SA
<i>Corro-free</i> ™ epoxy powder coat.....	add suffix S752
• Series 5 in an EMT version with set screws on all hubs.....	add suffix -MT
• Series 5 pre-packaged with neoprene gasket and cover.....	add suffix -CGN

### Certifications and Compliances:

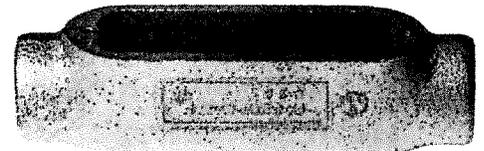
- Outlet Bodies –
- UL Standard: 514B
  - Fed. Spec.: W-C-586D
  - CSA Standard 22.2 No. 18
- Size comparison of 1½" Form 7, Mark 9, Form 8, and Mogul bodies.** Round backs on Form 7 and Mogul; flat backs on Form 8 and Mark 9. The round back conduit body is a registered trademark of Cooper Industries, Inc.
- Raintight (when installed with cover and gasket)



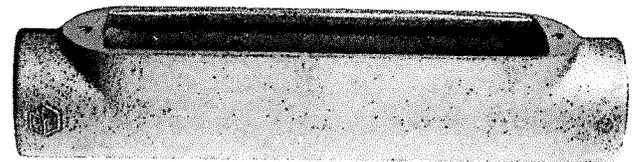
Form 7



Mark 9



Form 8



Mogul

# 1F

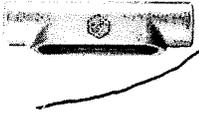
# Condulet® Conduit Outlet Bodies

Dimensions Pgs. 9 to 11 (Dimensions for Form 5 – see Section CP)

Conduit Outlet Bodies  
**1F**

## Threaded Rigid Bodies

### Hub Size

Shape	Style	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
	<b>C</b>										
	Form 7	C17	C27	C37	C47	C57	C67	C77	C87		
	Form 8	C18	C28	C38	C448	C58	C68	C78	C88		
	Mark 9	C19	C29	C39	C49	C59	C69	C789	C889	C989	C1089
	Form 5	C50M	C75M	C100M	C125M	C150M	C200M	C250M	C300M	C350M	C400M
Series 5	C15	C25	C35	C45	C55	C65	C75	C85	C95	C105	
	<b>E</b>										
	Form 7	E17	E27	E37							
	<b>L</b>										
	Form 7	L17	L27	L37	L47	L57	L67				
Double faced – may be used as LL or LR – has 2 openings, one of which is furnished with a blank sheet steel cover											
	<b>LB</b>										
	Form 7	LB17	LB27	LB37	LB47	LB57	LB67	LB777	LB87	LB97	LB107
	Form 8	LB18	LB28	LB38	LB448	LB58	LB68	LB78	LB888	LB98	LB108
	Mark 9	LB19	LB29	LB39	LB49	LB59	LB69	LB789	LB889	LB989	LB1089
	Form 5	LB50M	LB75M	LB100M	LB125M	LB150M	LB200M	LB250M	LB300M	LB350M	LB400M
Series 5	LB15	LB25	LB35	LB45	LB55	LB65	LB75	LB85	LB95	LB105	
	<b>LL</b>										
	Form 7	LL17	LL27	LL37	LL47	LL57	LL67	LL777	LL87	LL97	LL107
	Form 8	LL18	LL28	LL38	LL448	LL58	LL68	LL78	LL888		
	Mark 9	LL19	LL29	LL39	LL49	LL59	LL69	LL789	LL889	LL989	LL1089
	Form 5	LL50M	LL75M	LL100M	LL125M	LL150M	LL200M	LL250M	LL300M	LL350M	LL400M
Series 5	LL15	LL25	LL35	LL45	LL55	LL65	LL75	LL85	LL95	LL105	
	<b>LR</b>										
	Form 7	LR17	LR27	LR37	LR47	LR57	LR67	LR777	LR87	LR97	LR107
	Form 8	LR18	LR28	LR38	LR448	LR58	LR68	LR78	LR888		
	Mark 9	LR19	LR29	LR39	LR49	LR59	LR69	LR789	LR889	LR989	LR1089
	Form 5	LR50M	LR75M	LR100M	LR125M	LR150M	LR200M	LR250M	LR300M	LR350M	LR400M
Series 5	LR15	LR25	LR35	LR45	LR55	LR65	LR75	LR85	LR95	LR105	
	<b>T</b>										
	Form 7	T17	T27	T37	T47	T57	T67	T77	T87	T97	T107
	Form 8	T18	T28	T38	T448	T58	T68	T78	T88		
	Mark 9	T19	T29	T39	T49	T59	T69	T789	T889	T989	T1089
	Form 5	T50M	T75M	T100M	T125M	T150M	T200M	T250M	T300M	T350M	T400M
Series 5	T15	T25	T35	T45	T55	T65	T75	T85	T95	T105	
	<b>TA</b>										
	Form 7	TA17	TA27	TA37	TA47	TA57	TA67				
	<b>TB</b>										
	Form 7	TB17	TB27	TB37	TB47	TB57	TB67				
	Form 8	TB18	TB28	TB38	TB448	TB58	TB68				
	Mark 9	TB19	TB29	TB39	TB49	TB59	TB69				
	Form 5	TB50M	TB75M	TB100M	TB125M	TB150M	TB200M				
	<b>X</b>										
	Form 7	X17	X27	X37	X47	X57	X67				
	Form 8	X18	X28	X38	X448	X58	X68				
	Mark 9	X19	X29	X39							
	Form 5	X50M	X75M	X100M	X125M	X150M	X200M				

# Condulet® Conduit Outlet Bodies

1F

## Covers and Gaskets

Dimensions Pgs. 9 to 11 (Dimensions for Form 5 – see Section CP)

### Blank Covers



#### Sheet Steel

Size	Form 7 Wedgenut Cat. #	Form 7 Snaptight™ Covers‡ Cat. #	Form 7 Wedgenut w/Integral Gasket Cat. #	Form 8* Cat. #	Form 8 w/Integral Gasket Cat. #	Form 5 Cat. #
1/2	170	170-SG	170G	180	180G	K50S
3/4	270	270-SG	270G	280	280G	K75S
1	370	370-SG	370G	380	380G	K100S
1 1/4	470	470-SG	470G	480	480G	K125S
1 1/2	570	570-SG	570G	580	580G	K125S
2	670	670-SG	670G	680	680G	K200S
2 1/2	870			880		K250S
3	870			880		K250S
3 1/2	970			980		K350S
4	970			980		K350S



#### Sheet Aluminum

#### Feraloy® Iron Alloy

#### Cast Aluminum

Size	Mark 9 Cat. #	Mark 9 w/Integral Gasket Cat. #	Form 7 Gasket Cat. #	Form 7 w/Integral Gasket Cat. #	Series 5 Cat. #	Form 7 Wedgenut Cat. #	Form 7 Wedgenut w/Integral Gasket Cat. #	Form 8* Cat. #	Form 5 ♦ Cat. #	Form 7 Wedgenut Cat. #
1/2	190	190G	170-SA	170G-SA	150	170F	170FG	180F	K50CM	170F-SA
3/4	290	290G	270-SA	270G-SA	250	270F	270FG	280F	K75CM	270F-SA
1	390	390G	370-SA	370G-SA	350	370F	370FG	380F	K100CM	370F-SA
1 1/4	490	490G	470-SA	470G-SA	450	470F	470FG	480F	K125CM	470F-SA
1 1/2	590	590G	570-SA	570G-SA	450	570F	570FG	580F	K125CM	570F-SA
2	690	690G	670-SA	670G-SA	650	670F	670FG	680F	K200CM	670F-SA
2 1/2	889		870-SA		850D	870F		880F	K250CM	870F-SA
3	889		870-SA		850D	870F		880F	K250CM	870F-SA
3 1/2	989		970-SA		950D	970F		980F	K350CM	970F-SA
4	989		970-SA		950D	970F		980F	K350CM	970F-SA

### Solid Gaskets

#### Neoprene



Size	Form 7 Cat. #	Form 8* Cat. #	Mark 9† Cat. #	Form 5 Cat. #	Series 5 Cat. #
1/2	GASK571	GASK851N	GASK1941	GK50N	GASK015N
3/4	GASK572	GASK852N	GASK1942	GK75N	GASK025N
1	GASK573	GASK853N	GASK1943	GK100N	GASK035N
1 1/4	GASK574	GASK854N	GASK1944	GK125N	GASK045N
1 1/2	GASK575	GASK805N	GASK1945	GK125N	GASK045N
2	GASK576	GASK806N	GASK1946	GK200N	GASK065N
2 1/2	GASK578	GASK808N	GASK808N	GK250N	GASK085N
3	GASK578	GASK808N	GASK808N	GK250N	GASK085N
3 1/2	GASK579	GASK809N	GASK8089N	GK350N	GASK095N
4	GASK579	GASK8089N	GASK809N	GK350N	GASK095N

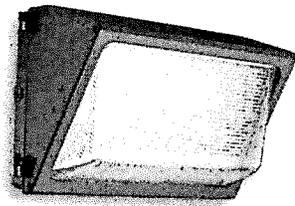
\* 1/2 – 1 1/4 are solid gaskets; 1 1/2 – 4 are open gaskets.

† 1/2 – 2 are solid gaskets; 2 1/2 – 4 are open gaskets.

\* Two cover screws on 1/2" to 2" Form 8 covers and four cover screws on 2 1/2" and larger Form 8 covers.

‡ Form 7 Snaptight covers with integral sealing gasket are installed without the use of screws.

♦ Malleable Iron Covers.



# TWR1 LED LED Wall Luminaire



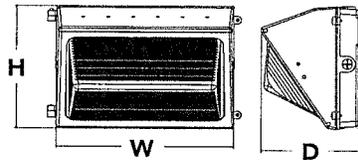
Catalog  
Number

Notes

Type

## Specifications

<b>Width:</b>	12-15/16" (32.4 cm)
<b>Height:</b>	9" (22.9 cm)
<b>Depth:</b>	7-1/2" (19 cm)
<b>Weight:</b>	11.95 lbs (5.42kg)



## Introduction

The popular TWR1 luminaire is now available with long-lasting, energy-efficient LED technology. Featuring a classic dayform, the TWR1 LED offers a traditional appearance and is powered by advanced LEDs.

The TWR1 LED luminaire is powerful yet energy efficient, capable of replacing up to a 250W metal halide luminaire while saving up to 86% in energy costs. Offering an expected service life of more than 20 years, the TWR1 LED eliminates frequent lamp and ballast replacements associated with traditional technologies.

## Ordering Information

**EXAMPLE:** TWR1 LED P2 50K MVOLT DDBTXD

### TWR1 LED

Series	Performance Package	Color Temperature	Voltage	Controls	Finish
TWR1 LED	P2 3,450 lumens	40K 4000 K <sup>1</sup>	MVOLT <sup>2</sup>	(blank) No controls	DDBTXD Textured dark bronze
	P3 4,470 lumens	50K 5000 K <sup>1</sup>	347	PE Photo control	
	P4 5,550 lumens				

### NOTES

- Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).

## FEATURES & SPECIFICATIONS

### INTENDED USE

The TWR1 LED combines traditional wall pack design with high-output LEDs to provide an energy-efficient, low maintenance LED wall pack suitable for replacing up to 350W MH fixtures. The traditional shape helps maintain building aesthetics when replacing only a portion of your building's wall packs. TWR1 LED is ideal for outdoor applications such as carports, loading areas, driveways and parking areas.

### CONSTRUCTION

Rugged cast-aluminum housing with bronze polyester powder paint for lasting durability. Door is hinged on the side so door swings out of the way during installation and service. Castings are sealed with a one-piece gasket to inhibit the entrance of external contaminants. MVOLT driver operates on any line voltage from 120-277V (50/60Hz). All luminaires have 6kV surge protection. Rated for outdoor installations, -40°C minimum ambient. Please consult factory for surge rating of photocells.

### OPTICS

High-performance LEDs maintain up to 90% of light output at 100,000 hours of service life (L90/100,000 hours). Prismatic glass lens designed for superior lighting distribution, uniformity and fixture spacing. See Lighting Facts label and photometry reports for specific fixture performance.

### INSTALLATION

Designed for wall mounting above four feet from ground. Housing is configured for mounting directly over a standard 4" outlet box (by others) or for surface wiring via any of three convenient 1/2" threaded conduit entry hubs.

### LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.dlc.com](http://www.dlc.com) to confirm which versions are qualified.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.lithonia.com](http://www.lithonia.com)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

