

REQUEST FOR QUOTATION



CITY OF DANVILLE
 427 Patton Street
 P.O. Box 3300
 Danville, VA 24543
 (434) 799-6528
 FAX: (434) 799-5102

RFQ NUMBER: Q003756
 RFQ DATE: 08/12/19

THIS IS NOT AN ORDER

E-mail: purchasing@danvilleva.gov Internet: www.danville-va.gov
 TAX ID # 54-600-1243

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UTILITIES STOREROOM
 UTILITY SERVICE CENTER
 864 MONUMENT ST
 DANVILLE, VA 24541

Deliver To: Betty Custer

Instructions:

It is understood that our terms and conditions listed on back will apply to any order that may result from this solicitation.

Note any exceptions for our consideration.

F.O.B. Destination: It is the basic policy of the City to receive goods F.O.B. (free on board) Destination, which means that freight charges are paid by the seller who owns and assumes all risk for the goods until they are accepted at the designated delivery point. The cost of shipping the goods may be included in the quoted price or by the seller as a separate line item.

VENDOR # BID

Quote Required By	Send Quote To
08/28/19	VICKIE LOVE

R037375

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENSION
			*****QB 19-20-025***** EVLUMA LED SECURITY LIGHTING ONLY SEALED BIDS WILL BE ACCEPTED. BIDS WILL BE ACCEPTED BY THE DIRECTOR OF PURCHASING UNTIL 2:00 PM, WEDNESDAY, AUGUST 28, 2019. ***ONLY SEALED BIDS WILL BE ACCEPTED*** DIRECT PURCHASING QUESTIONS TO: J. GARY VIA, DIRECTOR OF PURCHASING AT (434) 799-6528 EXT 4 OR EMAIL TO purchasing@danvilleva.gov. DIRECT TECHNICAL QUESTIONS TO BETTY CUSTER, STOREROOM SUPERVISOR AT (434) 857-3305 MAIL SEALED BIDS TO: CITY OF DANVILLE PURCHASING DEPARTMENT 427 PATTON ST, ROOM 304		
TOTAL					

Payment Terms	Freight Terms	Delivery Promised	Telephone	Fax
Quote Valid Until	Vendor Quotation No.	Signature and Title		

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			<p>DANVILLE, VA 24541</p> <p>MARK ON THE OUTSIDE OF THE ENVELOPE: ***QB 19-20-025***</p> <p>EVLUMA LED SECURITY LIGHTING</p> <p>You are invited to provide a Quick Bid for the following LED security lighting replacements for High Pressure Sodium (HPS) luminaires for the Power & Light Division. This will be a BLANKET ORDER. Orders will be placed on an as needed basis.</p> <p>Quantities listed are estimates only; no minimum or maximum are guaranteed. Bids shall include all shipping and handling for each shipment. Orders shall be placed according to pallet sizes.</p> <p>NO SUBSTITUTIONS WILL BE ALLOWED.</p> <p>Bid shall include Connect LED Wireless Lighting Management capabilities</p>		
001	500	EA	<p>LED STRT AREAMAX 55W 5K SECURITY LIGHTING EVLUMA: AX-55-5K-5-D-P-STD-6 TYPE V</p> <p>NO SUBSTITUTIONS</p>		
002	100		<p>LED AX-55-5K-3-D-P-STD-6 EVLUMA - SECURITY LIGHTING TYPE III</p>		
TOTAL					

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENSION
			NO SUBSTITUTIONS		
			Warehouse Requisition No.: SR 3675		
				TOTAL	

Payment Terms	Freight Terms	Delivery Promised	Telephone	Fax
Quote Valid Until	Vendor Quotation No.	Signature and Title		

Specification for LED Area/Security Lighting (40-55W)

1. Scope

This specification covers the requirements for outdoor type, light-emitting-diode (LED) area security luminaires 6000-8000 lumens. (EVLUMA: AX-55-5K-5-D-P-STD-6 and AX-55-5K-3-D-P-STD-6 or equivalent)

2. Requirements

2.1 Luminaire Performance

Description	Requirement
Operating temp, ambient range:	-40F to +122F
Correlated Color Temperature (CCT)	5000°K
Lumens	7700 lumens
Lumen depreciation of LED light sources	L70 (10,000) >55,000 hours
per IES LM-80/TM-21	L70 (TM-21) >100,000 hours
Color rendering index (CRI)	>70 CRI
Backlight, Uplight and Glare (BUG) rating	Type III Dome B2-U2-G2 Type V Dome B3-U2-G1
Efficacy (Lumens/Watts)	Dome > 122 Lumens/Watt
Off-state power consumption, NEMA photo control device	<0.5 Watts
On-state power consumption, NEMA excluding photo control device	55 Watts ± 10
Warranty	10 years full replacement
Light distribution per IES Handbook	Type III and V

2.2 Power Supply/Driver Performance

Description	Requirement
Input voltage	90 to 277 VAC 50/60HZ
Power factor	>0.90
Total harmonics distortion	<10% @ 120 VAC
at full power at specified voltage	<20% @ 277 VAC
Surge protection	20kV/10kA per IEEE/ANSI C136.2-2018
Interference	FCC 47 CFR part 15/18, Class A
Thermal protection	Thermal feedback for LED overheating protection
Driver life	>100,000 hours
Inrush current	< 1.2A during photocell transition
Driver thermal protection	Temperature guard with adaptive thermal management with on-chip sensor

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2.3 Lighting and Dimming Controls

Description	Requirement
Integrated photo control	Integrated solid-state long-life photo controller < 5mW power draw @ 277v
Photo control failure protection	In the event of photocontrol failure, the luminaire will automatically operate normally.
Luminaire remote control	Integrated luminaire blue tooth controls through provided software for service connect/disconnect, brightness settings, and custom dimming schedules
Dimming range	Down to 20%

2.4 Construction

Description	Requirement
Housing	Cast aluminum housing with integral heat sink
Finish	Gray powder coat; Bronze, black, green, other options on request
Mounting	Accepts 1-1/4" or [1]" arm Adjustable angle +- 5%
3G Vibration withstand	ANSI C136.31-2018
Ease of Installation/Maintenance	Tool-less access panel; 66" pigtails standard
Optical Lens	Diffused textured glass to reduce glare
Evluma Photo control	UV-stabilized polycarbonate housing
Shield	Optional four (4) position (including backlight) field-installable shield
Single unit net weight	< 10 lbs

2.5 Testing and Certifications

Description	Requirement
DLC	Yes
UL/cUL	UL/cUL 1598/8750
Ingress	IP66
Hail Impact Resistance (Evluma photocontrol)	FM 4473
EPA	under 0.5 sq ft
Humidity	ASTM D2247-68
LM 80 Report	Link
ISTMT Report	Link
TM 21 Calculation	Available on request
Salt/fog	to 1000H