



CITY OF URBANA, ILLINOIS  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

**M E M O R A N D U M**

**TO:** Bruce K. Walden, Chief Administrative Officer  
Ron C. Eldridge, Comptroller  
William R. Gray, Public Works Director

**FROM:** Gale L. Jamison, Assistant City Engineer

**DATE:** February 5, 2003

**RE:** Area 3B Street Light Modernization, Phase II &  
Tall Pole Replacement; Luminaire Purchase

**ISSUE**

A request that the City Council use its authority to waive the competitive purchase requirements for the purchase of tall pole street light luminaries for the Area 3B Street Light Project and for the proposed tall pole street light replacement south of Washington Street in the southeastern part of the City.

**BACKGROUND**

The Area 3B Street Light Modernization Project is included in the Capital Improvement Plan (CIP) for the '02 -'03 budget year. Burtess Engineering Services (BES) prepared contract Documents and Specifications, bids were received on December 12, 2002 and a contract has been awarded to J. F. Edwards, Geneseo, IL. To facilitate the timely expenditure of Community Development Block Grant funds it was determined that the direct purchase of the short concrete poles, short concrete pole luminaries and tall pole luminaries would be prudent. Purchasing agreements exist with Lumec Inc. for the short concrete pole luminaries and with Stresscrete Limited for the short concrete poles and they have been ordered and will be delivered in the not too distant future. A purchasing agreement does not exist for the tall pole luminaries. Operations Staff, in consultation with BES have reviewed luminaries provided by several manufacturers and have selected the Helios HBS Series luminary as the one having superior optics and durable construction for ease of maintenance. The Helios HBS Series luminary has been utilized on the last 4 tall pole streetlight projects completed in the City (University Ave., Main St., Harvey & Gregory Sts., and at Andre's Harley Davidson). Dealing with a single supplier/manufacturer for fixtures provides significant advantage in future maintenance efforts and reduces the necessary inventory for replacement of damaged or failed fixtures. Lumec Inc. is the only supplier of a luminary that has the required features. Procurement of the fixtures through conventional bidding process might not result in the same supplier of the fixtures.

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## Area 3B & Tall Pole Replacement

### Luminarie Purchase

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To facilitate the ordering of the tall pole luminaries for the Area 3B Phase II Project for timely expenditure of the funds, Engineering Staff have solicited a price from Lumec Inc. for the 100 watt and 150 watt luminaries proposed for the project. The Area 3B Project requires 17 - 100 watt fixtures and 27 -150 watt fixtures plus Photoelectric Cells. The total expenditure for this purchase is \$7,49300. Because the amount of the purchase is less than \$10,000, administrative approval of this sole source purchase from Lumec Inc. is requested.

The replacement of the tall poles and series luminaries south of Washington St. is in the CIP for the '03 and '04 budget year. Engineering Staff have negotiated the term of the prices for the tall pole luminaries for one year. It is desirable to have the same advantages in the tall pole series light replacement program with the utilization of luminaries from the same supplier/manufacturer as provided in other streetlight modernization projects. The number of luminaries required for the tall pole replacement is on the order of 100 – 100 watt fixtures, 100 – 150 watt fixtures and 200 photo cells and will be on the order of \$33,000 for the fixtures.

### **ALTERNATIVES**

Pass an ordinance waiving the requirement for competitive bidding for the purchase of tall pole luminaries in favor of a negotiated pricing agreement with Lumec Inc.

Pursue the usual and customary competitive bidding process for the purchase of the tall pole luminaries.

### **RECOMMENDATIONS**

It is the staff recommendation that the purchase of the 44 - Area 3B, Phase II tall pole luminaries be administratively approved. It is further recommended that the City Council pass an ordinance that eliminates the need for competitive bidding for purchase of the tall pole series lighting replacement luminaries in favor of a negotiated long term pricing agreement with Lumec Inc.

ORDINANCE NO. 2003-03-022

**AN ORDINANCE AUTHORIZING THE PURCHASE OF STREETLIGHT LUMINARIES**

(Tall Pole Series Street Light Replacement)

WHEREAS, the City has undertaken a large project to replace all series street lighting, portions of which have already been completed in certain areas of the City using the “Helios HBS” luminaries on tall series street light pole replacements: and

WHEREAS, the replacement of the series tall pole street lights south of Washington Street is ready to move forward utilizing the same Helios HBS luminaries, and it is the recommendation of the consultant on this project who has investigated the matter, that the luminaries for the series tall pole street light replacement project be purchased from Lumec-Schreder because the price is competitive and a long term pricing agreement regarding the luminaries and related accessories is available with Lumec-Schreder.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF URBANA, ILLINOIS, as follows: that the Director of Public Works is hereby authorized to contract for the purchase of Helios HBS street light pole luminaries without the necessity of first seeking competitive bids, provided such contract does not exceed the base amount of \$155.00 each for the 150-watt luminary and \$148.00 each for the 100-watt luminary or the base amount for each adjusted in accordance with the terms of the Pricing Agreement with Lumec-Schreder for the Helios HBS luminaries and related accessories.

This Ordinance is hereby passed by two-thirds vote of the Alderpersons then holding office at a regular meeting of said Council.

PASSED BY THE City Council this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

AYES:

NAYS:

ABSTAINS;

\_\_\_\_\_  
Phyllis D. Clark, City Clerk

APPROVED by the Mayor this \_\_\_\_\_ day of \_\_\_\_\_, 2003

\_\_\_\_\_  
Tod Satterthwaite, Mayor