

FOR BOARD ACTION

Agenda Item # 3.a.

Meeting Date:

2/22/11

SUBJECT:

Consideration of Bids for Light Emitting Diode Luminaires

PREPARED BY:

Steven Cook, Senior Electrical Engineer

ITEM DESCRIPTION:

On February 8, 2011 Rochester Public Utilities received four bids from three suppliers for Light Emitting Diode Luminaires. All four suppliers were able to meet the major sections of the specification and are considered acceptable by RPU's Engineering Department. One of the suppliers bid two options with the same luminaire with different warrantee periods.

The intent of this project is to replace our existing mercury vapor luminaires with LED luminaires to reduce energy consumption and maintenance costs.

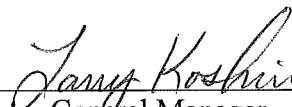
Based on purchasing more than 300 luminaires, the lowest apparent first cost is WESCO/Beta. Staff also evaluated the average annual costs of the fixtures over a manufacturer supplied estimated life expectancy of the luminary. Based on the annual life expectancy costs, the lowest cost unit would be the one supplied by RESCO/GE. However the expected operating savings of the GE luminaire are so low that it would take over 18 years to recover the difference in initial purchase cost. Based on this evaluation staff is recommending the WESCO/Beta bid as the lowest evaluated bid that met the specifications.

FOR CAPITAL PURCHASES/BIDS/MAJOR PROJECTS:

The bids are within RPU's budget. In addition, this project is part of a block grant of Federal EECBG funds with RPU contributing a minimum of 20% of the costs of the project.

UTILITY BOARD ACTION REQUESTED:

Management recommends that the Board approve a purchase agreement with WESCO for the purchase of up to \$288,000 worth of Beta LED luminaires subject to determination of the exact quantity of fixtures based on grant funds availability.


General Manager

2-17-11
Date

BIDS DUE: 1:30 p.m., February 8, 2011

ROCHESTER PUBLIC UTILITIES
ROCHESTER, MINNESOTA

REFERENCE: LED ROADWAY LIGHTING

1. Notice is hereby given that sealed Bid Proposals for the furnishing of the above referenced equipment and/or materials will be received in the Purchasing Department of the Rochester Public Utilities of the City of Rochester, Minnesota, located at 4000 East River Road, NE, on or before 1:30 p.m., February 8, 2011, at which time and place the Proposals will be opened and read. Any proposal received subsequent to the time specified will be promptly returned to the Bidder unopened.
2. Proposals and all supporting instruments must be submitted in duplicate on the forms provided by the Rochester Public Utilities and must be delivered in a sealed envelope addressed as follows:

Rochester Public Utilities
ATTN: Materials Manager
4000 East River Road NE
Rochester, MN 55906-2813

RE: LED ROADWAY LIGHTING

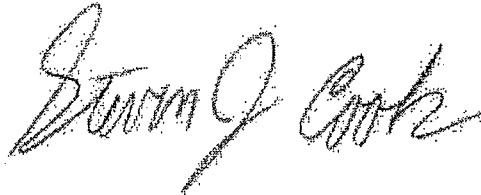
3. The name and address of the Bidder, the reference identification as printed above and the date and the hour of the opening of Bids must appear on the envelope in which the Proposal is submitted. Proposals must be completed in ink or typewritten. Alterations and additions will be permitted only when initialed and dated before submission.
4. Each separate Bid Proposal shall be accompanied by a Cashier's Check, Bank Certified Check or Bidder's Bond, payable to the City of Rochester in an amount equal to five percent (5%) of the total bid price. In the event that the successful Bidder fails to accept a Purchase Agreement in accordance with his Proposal within **thirty (30)** days after acceptance by the Public Utility Board and City Council, said Cashier's Check, Bank Certified Check or Bidder's Bond will be forfeited to the City of Rochester as liquidated damages.
5. Proposals are invited on a firm per unit basis.
6. The Public Utility Board reserves the right to waive minor irregularities or minor errors in a Proposal if it appears that such irregularities or errors were made through inadvertence. Any such irregularities or errors so waived must be corrected on the Proposal in which they occur prior to the execution of any Contract that may be awarded thereon.
7. The Public Utility Board reserves the right to reject any and all Proposals and to accept the Proposal or Proposals, in whole or in part, considered to be in the best interests of the City of Rochester. In order to determine which proposal best serves the interest of the City of Rochester, consideration will be given to the quoted price, quoted delivery, stated exceptions to these Proposal Documents and any other factors which may affect operating and/or capital costs. Such other factors, if any, are separately stated in the Specifications.

8. Acceptance of a Bid Proposal by the Public Utility Board and City Council and the issuance thereon of a Purchase Order, duly signed by the Buyer of the Public Utilities, and/or any other legally executed document(s), shall complete a binding Contract with the City of Rochester.
9. All Bid Proposals shall remain in effect at least **sixty (60)** days for Purchase Order award following acceptance by the Public Utility Board and City Council.
10. Prior to submission of a proposal, the Bidder shall make and shall be deemed to have made a careful examination of the plans and specifications and all other matters, including shipping facilities, that may affect the cost and time of completion of the work required.
11. All questions concerning this bid should be addressed to:

Steven Cook, PE
Senior Electrical Engineer
4000 East River Rd NE
Rochester MN 55906

Phone # 507-280-1570
Fax # 507-280-1542
Email: scook@rpu.org

CITY OF ROCHESTER
ROCHESTER PUBLIC UTILITIES



Steven J. Cook, P.E.
Senior Electrical Engineer

BID TAB

RPU LED ROADWAY LUMINARIE

FEB 8, 2011

Bidder/Manufacturer	Bid Bond (Y/N)	\$/unit (qty 1-100)	\$/unit (qty 101-299)	\$/unit (qty over 300)
WESCO/BETA	Y	\$446.00	\$401.00	\$357.00
Graybar/Holophane	Y	\$537.63	\$521.51	\$510.75
RESCO/GE #1	Y	\$387.25	\$387.25	\$387.25
RESCO/GE #2	Y	\$408.20	\$408.20	\$408.20



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve a purchase order agreement with WESCO for:

Beta LED Luminaires

The amount of the purchase order agreement not to exceed TWO HUNDRED EIGHTY EIGHT THOUSAND AND 00/100 DOLLARS (\$288,000.00) and WESCO being lowest evaluated bidder. In addition, this project is part of a block grant of Federal EECBG funds with RPU contributing a minimum of 20% of the costs of the project.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 22nd day of February, 2011.

President

Secretary