

Office of the City Engineer

John C. Rooney, P.E.
Assistant Commissioner of Public Works/
City Engineer



City Hall
730 Washington Avenue
Racine, WI 53403
262.636.9191
Fax: 262.636.9545

City of Racine, Wisconsin

July 26, 2016

Legistar Item: 0628-16

To: Alderman Terry McCarthy, Chairman
Public Works and Services Committee

From: John Rooney *JCR*
Assistant Commissioner of Public Works/City Engineer

Re: Contract 20160038, PS – Street Lighting and Building Lighting Energy Efficient Improvements,
Johnson Controls, Inc. (JCI), Consultant

The scope of work for this contract includes the retrofit of existing lighting luminaires for City of Racine owned Street, Pathway & Parkway, Zoo, Wustum, Lockwood park tennis court and the Chavez, Humble & Tyler Domer community centers as defined in a City of Racine - Lighting Audit Summary prepared by Johnson Controls, Inc. (JCI) dated 7-21-2016.

The work involves replacement of existing high pressure sodium and metal halide lamps and ballasts, selected incandescent lamps, and replacement of selected fixtures as defined in the City of Racine - Lighting Audit. The retrofit work includes field modification of the existing fixture to install the retrofit kit. The replacement work includes removal of the lighting fixture and replacement with a new fixture. New wiring connections shall be made to the existing pole wiring.

JCI and the City of Racine agree that Customer will be deemed to achieve a total of \$0 in Non-Measured Project Benefits and JCI guarantees that Customer will achieve a total of \$1,158,731 in Measured Project Benefits during the term of this Agreement. The first year projected energy savings is \$43,123; of which 24% is achieved by DPW and 76% by Parks; and grows to the total over 20 years. The energy savings are guaranteed, with any deficiencies in the savings identified in the audit paid for by JCI.

The total amount of the contract is \$738,014.00, and funding is available in the below Org-Objects:

\$379,039.30 – Org-Object 45040-57520, DPW/Parks-Street Lighting
\$ 50,000.00 – Org-Object 45050-57110, Parks-Land Imp/LED Zoo Upgrades
\$308,974.70 – Org-Object 40103-57520, City Projects-Street Lighting
\$738,014.00 – Total

If the committee agrees, the appropriate action would be to authorize the Mayor and City Clerk to enter in the agreement.

Cc: Joy Hansche
File