



# INFORMATION REPORT

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	August 31, 2015
<b>SUBJECT/REPORT NO:</b>	Status of High Wattage Street Light Incentive as of August 2015 (PW14119b) - (City Wide) (Outstanding Business List Item)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Mike Field (905) 546-2424, Extension 4576  Gord McGuire (905) 546-2424, Extension 2439
<b>SUBMITTED BY:</b>	Gerry Davis, CPA, CMA General Manager Public Works Department
<b>SIGNATURE:</b>	

## Council Direction:

At its meeting of December 17, 2014 Council directed staff to report back to the Public Works Committee quarterly with updates on the progress of the High Wattage Street Light Incentive Project.

This direction is in response to the approval of report PW14119 (High Wattage Street Light Incentive Project) which involves the replacement of approximately 10,000 HPS street lights with LED, including a saveONenergy incentive contingent upon a project completion date of December 31, 2015.

## Information:

This project is currently on schedule and within the approved budget. There are approximately 5,700 replacement LED streetlights installed as of the end of July 2015. This represents approximately 57% of the project.

Engineering Services expects the project to be complete within the allotted schedule and budget.

Preliminary energy savings have been adjusted from 1.5 MW to 1.6 MW after ordering all the LED fixtures, this will increase to total energy savings to over \$800,000 annually once the project is complete.

*Project History*

Contract C11-82-14, Prequalification for LED Street Lighting Luminaires - 100W and Greater, was issued and closed on December 4, 2014. Contract C15-29-15(SL), Tender for Street Lighting Luminaire Replacements, was issued and closed on February 24, 2015. This tender is for the supply and installation of the approximately 10,000 LED luminaires. The contract has a completion deadline of October 30, 2015 and incorporates incentives for early completion and liquidated damages for late completion. The noted deadline creates a schedule contingency between the contract deadline and the incentive deadline of December 31, 2015.

Ten conforming bids were received, six being within the project budget expectations. Contract C15-29-15(SL) was awarded to Enersource Power Services Inc. (EPS) on March 4, 2015, with the notice to proceed work issued to EPS on March 18, 2014. EPS began installations on April 28, 2015. By the end of July 5,700 LED luminaires have been installed, bringing the project to 57% completion. There are currently no concerns regarding achieving the project completion date of October 30, 2015. Staff continue to work with Horizon Utilities Corp. Conservation Demand Management Group, who administers the saveONenergy program, to ensure that all necessary information required for the energy incentive is delivered in the correct format, efficiently and on-time.