



# AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING  
Meeting Date: December 5, 2017

Agenda Item 6-F  
Approvals:  
City Manager [Signature]  
Dept. Head [Signature]  
Attorney [Signature]  
Finance [Signature]

**Department:** Public Works / Engineering  
**Prepared By:** Tom Bonigut, Public Works Director/City Engineer

**Subject:** *APPROVE PURCHASE OF LED STREET LIGHT FIXTURES FOR LED STREET LIGHT RETROFIT PHASE 2 CITY PROJECT NO. 18806.*

**Fiscal Impact:** None. The cost to purchase the LED street light fixtures is within the approved project budget.

**Summary:** This action is to request City Council approval to place a purchase order for Light Emitting Diode (LED) street light fixtures as further discussed below.

**Background:** The approved budget includes a project to convert existing high pressure sodium (HPS) street lights on selected streets to LED technology. This is the second phase of a multi-year project to convert all of the City's public street light fixtures to LED technology. Under this Phase 2 project, 935 existing HPS street lights will be converted on the public streets shown on the attached map.

Per City Council direction and consistent with the Phase 1 project completed earlier this year, the new LED street lights will be "Dark Skies compliant" to minimize light in unwanted directions and will be "warm white" 3,000 Kelvin LED lights. Thus the new LED street lights will meet recommendations by the International Dark-Sky Association for "Dark Sky Friendly Lighting."

**Discussion:** A bid invitation was publicly advertised to purchase the light fixtures and related hardware. Two bids were received, and the lowest responsible and responsive bidder was Leotek Electronics USA, LLC of San Jose, California with a bid of \$198,567.09. The other bidder was LED Lighting Wholesale, Inc. of Kalamazoo, Michigan with a bid of \$257,172.85. Although there were only two bids, note that Leotek offered the same unit prices as those submitted with its winning bid in January 2017 for the Phase 1 LED Retrofit project. Soon a separate bid invitation will be advertised to solicit a contractor to install the new LED fixtures and recycle the existing HPS fixtures. This purchase order is recommended for approval now due to the lead time required for manufacture and delivery of the fixtures. The cost for purchase of the fixtures plus the estimated cost for installation is expected to be within the total \$300,000 approved project budget.

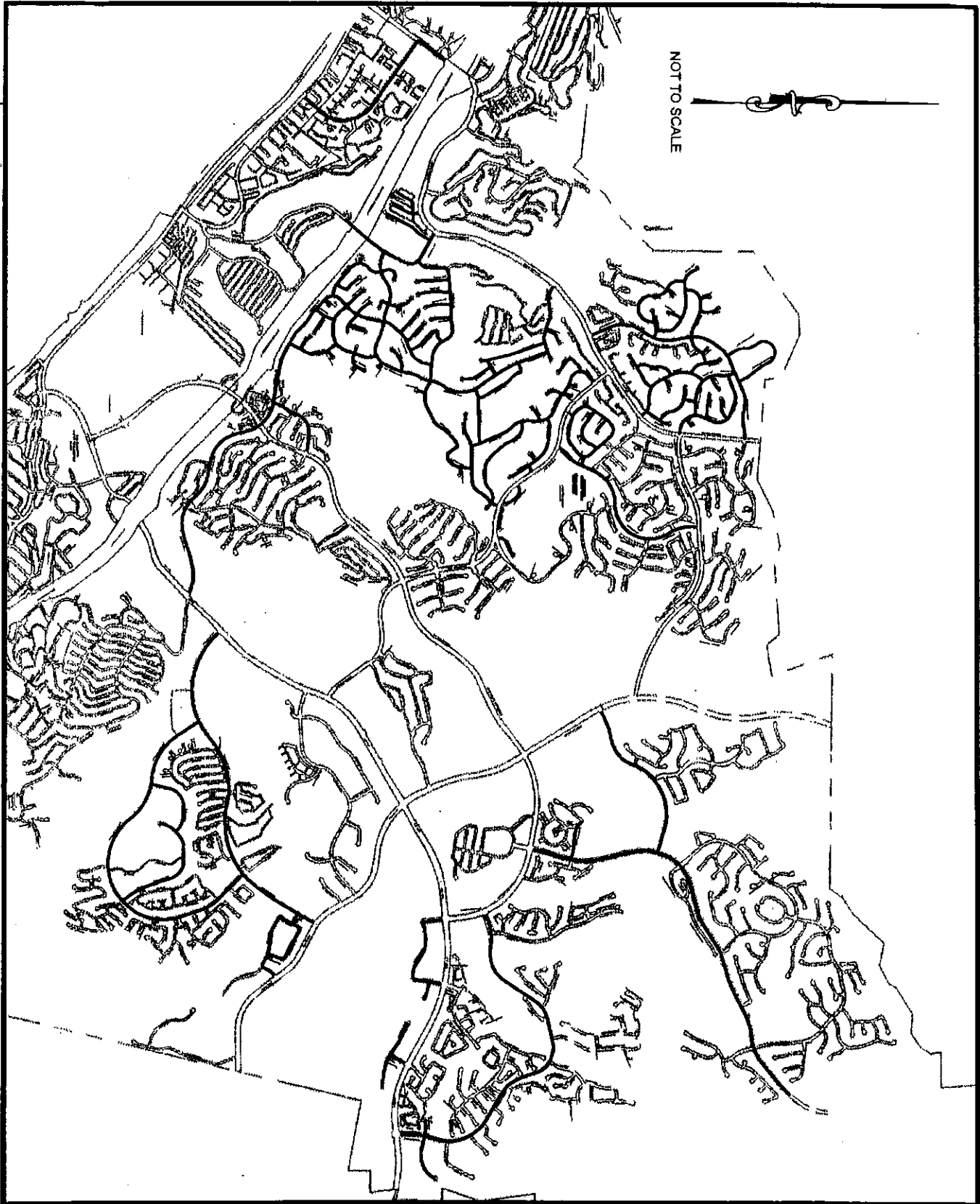
**Recommended Action:** STAFF RECOMMENDS THAT the City Council approve a purchase order with Leotek Electronics USA, LLC, not to exceed \$198,567.09 for LED Street Light Retrofit Phase Project No. 18806.

**Attachment:** Location Map.

**Notification:** None.

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**LOCATION MAP**

**LED Streetlight  
 Retrofit Phase 2**

12-5-17 / 6L-3