



# AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING  
Meeting Date: October 16, 2018

Agenda Item 6-N  
Approvals:  
City Manager ES  
Dept. Head ES  
Attorney \_\_\_\_\_  
Finance [Signature]

**Department:** Finance & Administrative Services  
**Prepared By:** Erik Sund, Assistant City Manager

**Subject:** *WILDFIRE DETECTION AND OBSERVATION PROJECT*

**Fiscal Impact:** No. Orange County Fire Authority (OCFA) in collaboration with University of California San Diego (UCSD) are funding the costs related to this project.

**Summary:** OCFA and UCSD approached the City of San Clemente requesting space on an existing City communication pole located at the Salvador reservoir site, for the purpose of installing cameras to provide a monitoring system to provide an early detection of wildfires.

**Background:** In early 2018 the UC San Diego High Performance Wireless Research and Education network partnered with the University of Nevada Reno's ALERTWildfire.org, the Orange County Fire Authority, and Southern California Edison to obtain, install and operate a sensor infrastructure on a Santiago Peak microwave tower for environmental observations. A specific objective was the creation of capabilities to help with the assessment of fire dangers, and the ability to monitor active fires and to respond based on real-time data.

Due to San Clemente's proximity to open space and vegetation that is subject to wildfires, OCFA approached the City to request use of City property to install this equipment and expand the program to provide a broader monitoring base. Staff have reviewed the site and see no impacts to existing infrastructure. Additionally, this program will provide a great benefit to the City of San Clemente in the event of a wildfire.

**Recommended Action:** STAFF RECOMMENDS THAT the City Council authorizes the City Manager to execute a Communications Site License Agreement with the Regents of the University of California.

**Attachments:** None

**Notification:** None