

# Exterior Building Lighting Improvement



TO: Board of Directors  
Mike Fletcher, Executive Director  
SUBJECT: Exterior Building Lighting Improvement

## Background:

Physical building security is an important to Columbia 9-1-1, as a facility handling sensitive criminal justice information systems. The district's physical perimeter is currently protected by external video monitoring, and access controls in the form of gates, fences, and a water barrier along the northern perimeter formed by the McNulty Creek.

## Problem:

Current building-mounted illumination is insufficient to properly illuminate the facility perimeter, as well as several niches around the building. Numerous low-powered building lights and high-powered wall packs are not functioning. These are aging pieces of equipment which are difficult to service. The lack of illumination limits the effectiveness of our video monitoring system. Nightshift employees have difficulty seeing when entering and exiting the facility.

## Solutions:

The district has solicited quotes from three companies, North by Northwest Services, Oregon Electri-Tech, and Hughes Electrical Contractors to improve facility illumination. General scope of work was similar across the companies, although exact positioning and quantities of fixtures somewhat varied.

## Pricing:

Hughes Electrical Contractors quoted the core project at \$15,683.00. North by Northwest Services quoted the core project at \$21,274.29, with a \$4,454.56 option for possible patio light poles. Oregon Electri-Tech quoted the project at \$11,889.87 for the core project, with a \$9,367.99 option for possible patio light poles.

## Recommendation:

The district recommends procuring the services of Hughes Electrical Contractors. Hughes' proposal is higher cost than the lowest competitor but includes replacing more of our outdated and non-functional low-power building lights. Replacing these fixtures will improve close-in illumination, make the building appear more uniform, and significantly ease the long-term maintenance for these fixtures. The Hughes proposal also limits the use of external building conduits, which can interfere with other exterior maintenance projects.

**Hughes Electrical**  
**5592 NE Clara Lane, Hillsboro, OR 97124**  
**Quote: \$15,683.00**  
**Contingency: 10%**  
**Total: \$17,251.30**