

To: Douglas McLean

Date: July 30, 2018

Culver City Public Works Electrical Maintenance

9770 Culver Blvd.

Culver City, CA 90232

310.253.6430

From: Octavio Padilla

Subject: Fire Department(s) electrical upgrades

OP Electrical Services is pleased to offer the following:

We propose to furnish and install, in two phases, upgrades to the Fire truck charging system and lighting systems at Fire Stations 1, 2, and 3. The work is to include what was described during the site(s) walks. This document is intended to define what is included in the scope of the upgrades.

SCOPE:

A. Phase 1:

\$38,500.00

Fire station 1 – We will furnish and install 400 feet of 1” EMT conduit in two separate runs. In each conduit we will install #8 THHN load carrying conductors and #10 THHN ground wire. Each run of EMT will commence at an electrical panel board in the electrical closet and each set of wires will be connected to a 30-amp breaker. The conduit and wire will terminate at a 5s junction box placed above the side of the Rigg near the charging port. There will be a total of four 5s boxes and each will house a dedicated circuit and connect to #10/3 SOOW drop cord. The cord will be installed using Hubbel connector bodies and support grips as specified by Douglas McLean.

Fire station 1 garage - We will furnish and install 340 feet of 1” EMT conduit in two separate runs. In each conduit we will install #8 THHN load carrying conductors and #10 THHN ground wire. Each run of EMT will commence at an electrical panel board in the electrical closet and each set of wires will be connected to a 30-amp breaker. The conduit and wire will terminate at a 5s junction box placed above the side of the Rigg near the charging port. There will be a total of four 5s boxes and each will house a dedicated circuit and connect to #10/3 SOOW drop cord. The cord will be installed using Hubbel connector bodies and support grips as specified by Douglas McLean.

Fire station 2 – We will furnish and install 300 feet of 1” EMT conduit in two separate runs. In each conduit we will install #8 THHN load carrying conductors and #10 THHN ground wire. Each run of EMT will commence at an electrical panel board in the electrical closet and each set of wires will be connected to a 30-amp breaker. The conduit and wire will terminate at a 5s junction box placed above the side of the Rigg near the charging port. There will be a total of four 5s boxes and each will house a dedicated circuit and connect to #10/3 SOOW drop cord.

The cord will be installed using Hubbel connector bodies and support grips as specified by Douglas McLean.

Fire station 3 - We will furnish and install 250 feet of 1" EMT conduit in two separate runs. In each conduit we will install #8 THHN load carrying conductors and #10 THHN ground wire. Each run of EMT will commence at an electrical panel board in the electrical closet and each set of wires will be connected to a 30-amp breaker. The conduit and wire will terminate at a 5s junction box placed above the side of the Rigg near the charging port. There will be a total of four 5s boxes and each will house a dedicated circuit and connect to #10/3 SOOW drop cord. The cord will be installed using Hubbel connector bodies and support grips as specified by Douglas McLean.

B. Phase 2:

\$32,000.00

Fire station 1 and garage – We will furnish and install 2 parking lot light fixtures (RAB ALED55) onto existing light poles using existing power. We will furnish and install 3 door light fixtures (RAB SLIM26N). We will furnish and install 8 column fixtures (RAB WPLED80) all 8 will require conduit and wiring from an existing timeclock in the electrical room. We will furnish and install 2 wall packs (RAB WP3LED).

Fire station 2 – We will furnish and install 4 wall packs (RAB WP2LED) on the front of the building. We will furnish and install 2 wall packs (RAB WP3LED) on the east side of the building, both will require new conduit and wire from an existing timeclock in the electrical room. We will furnish and install a wall pack (RAB WP3LED) above the trash enclosure. We will furnish and install 4 wall packs (RAB WP3LED) on the rear side of the building.

Exclusions

1. This bid does not include the cost or fees for building and safety permits.
2. This bid does not include the cost of any wall repair, patch or paint.

General

1. Any work in addition to what is defined in the scope will require a change order.
2. OP Electrical Services will provide as built drawings at the completion of the project.
3. This bid is valid for 30 days from 7/30/2018.

Acceptance of Proposal

Title

Date